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The

CHEMIST AND DRUGGIST

Established 1859 28 Essex Street, Strand, London, W.C.2. *Registered as a Newspaper*

No. 2729
VOL. CXVI.

MAY 28, 1932

Annual Subscription (with Diary) 20/-. Single Copies 9d.

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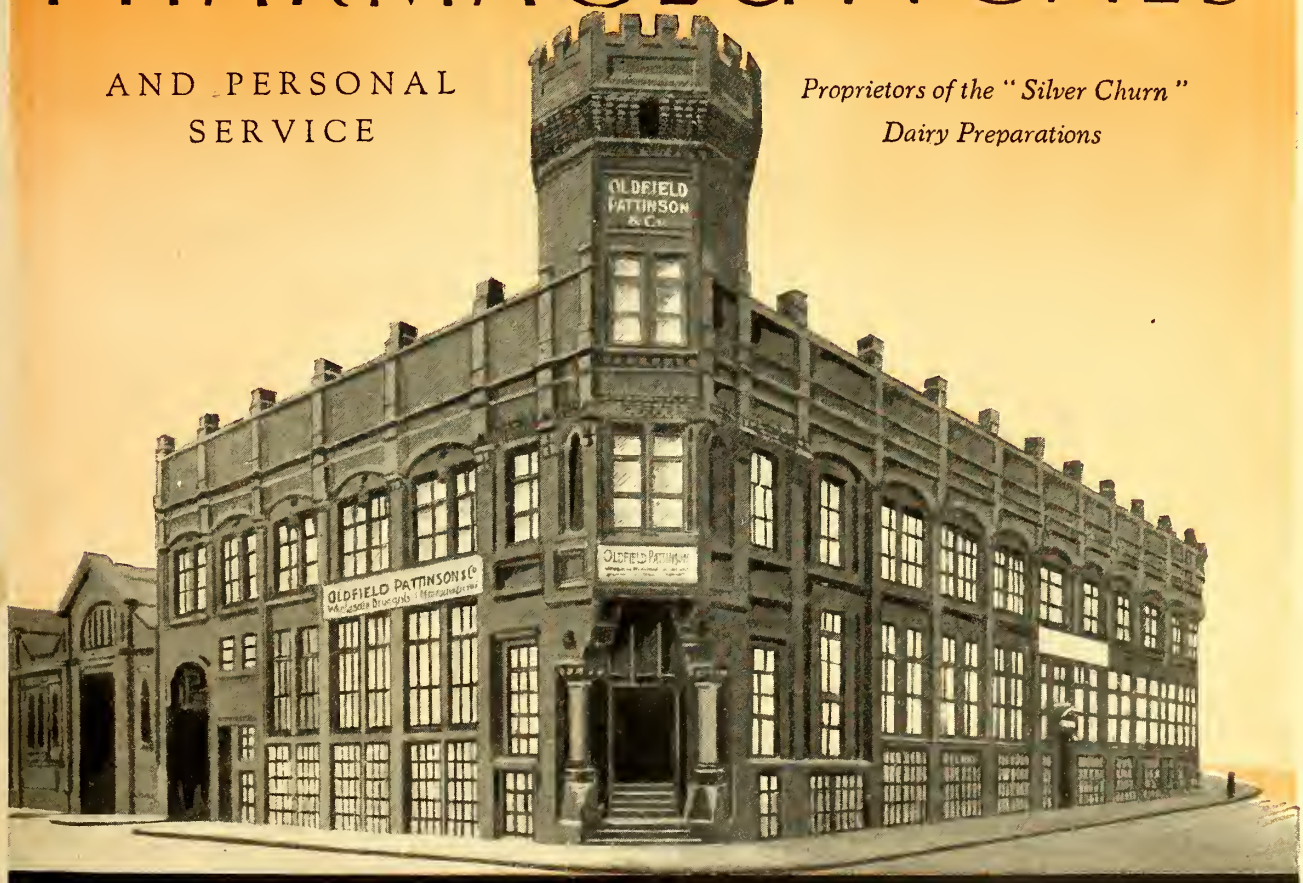
PHARMACEUTICALS

AND PERSONAL SERVICE

Proprietors of the "Silver Churn" Dairy Preparations



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Reduced Facsimile of Artistic Carton in Colours.

SMALL SIZE
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Reduced Facsimile of Artistic Carton in Colours.

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NOW IN TWO SIZES—Our Standard Size and Price remain unaltered, but in response to thousands of requests we have introduced a new small size. This meets every purse and is sufficient for the small hats. You will sell just as many of the Standard Size as formerly, but you can also meet the demand for a smaller and cheaper line.

Do not stock inferior Dyes—push "LUTON" and retain the confidence of your Lady Customers. Each bottle in separate carton, complete with Brush, in the following colours, Dull or Glossy: *Black, Navy Blue, Brown, Nigger Brown, Dark Brown, Nut Brown, Burnt Straw, Royal Blue, Nattier Blue, Saxe Blue, Poppy, Purple, Royal Purple, Jade Green, Emerald Green, Heliotrope, Grey, Rust, Pink, Olive Green, Myrtle Green, Old Rose, Primrose, Ruby.* Any other shade can be matched or supplied.

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MAKERS OF AURORAL COLD WATER DYES, WINNER HOME & WINNER STOCKING DYES, VELT, &c.

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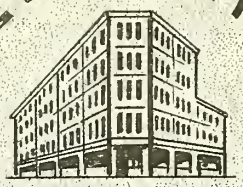

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Butler and Crispe offer Chemists a service of unequalled value for Prompt delivery of all orders to any distance by the quickest route. Town deliveries by motor, provincial also by motor over wide area. Rail orders despatched same day as received. Let us have your enquiries.

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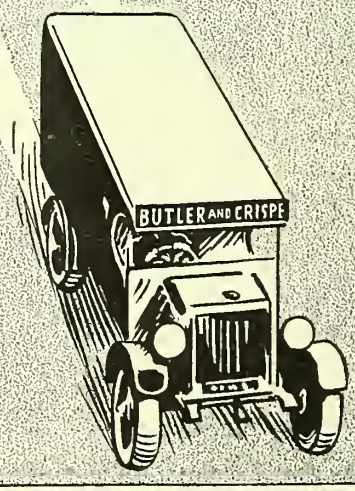

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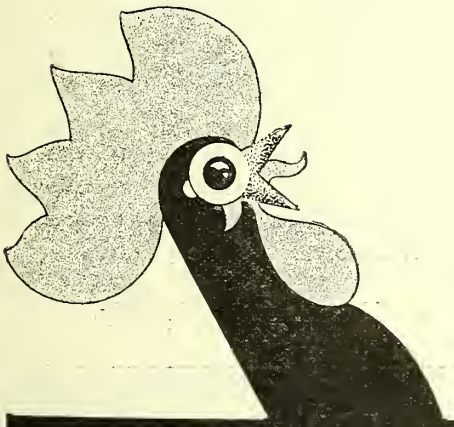

Good advertising and good displays mean more sales for you.

These new ENO characters "Mr. Can, Mr. Can't," "Mrs. Can, Mrs. Can't," "Miss Can, Miss Can't" are creating great interest throughout the country, and are definitely stimulating a new demand for "Fruit Salt." Remind the public that *you* sell ENO, by displaying in your window the new ENO show material—the finest and most attractive that we have ever produced. Let us know if we can send you a set.

J. C. ENO, LTD. 160 Piccadilly, W.1

Eno's 'Fruit Salt'

The Romance of Empire Drugs (24)

A Field of Chamomile on StaffAllenS Farms at Long Melford.

CHAMOMILE

ENGLAND

StaffAllenS

grow Chamomile on their Herb Farms at Long Melford and are specially placed to quote for a superior product.

Est. *1833*

ANTHEMIS NOBILIS, the common or Roman Chamomile grows wild in Europe generally and has been cultivated in England for centuries. It is impossible to say whether the herb was actually known to the ancients, although similar plants are described by old Greek writers, on account of the large number of such plants possessing like inflorescence. It received its official name from Tragus, 1552, and the further qualification Roman from Camerarius, who found the plant flourishing near Rome in 1598.

Considerable quantities were under cultivation at Mitcham over a century ago, the supplies being exclusively requisitioned by the Society of Apothecaries for a long period, ending in 1851.

The plant is cultivated extensively at Long Melford. Here for a long time it has not paid to grow for the flowers only, since adverse weather frequently ruins the crop when in flower. It is now grown more for the oil and extract.

When the flowers alone are distilled the oil is a deep blue, which has been found to be due to the presence of a hydrocarbon, azulene, which is readily oxidised and influenced by light, changing from a blue to a yellow colour. The quality of the oil depends to a great degree upon the skill of the collectors. The yellowish colour obtaining in some samples is not always due to ageing, but to the fact that the flowering shoots of the plant have been included in the distillation.

Infusion of Chamomile is employed in medicine as a tonic stomachic. Recently there has been an increased demand for Chamomile in hair preparations.

Wholesale Trade only.

STAFFORD ALLEN & SONS LTD

Manufacturing Chemists, Essential Oil Distillers.

COWPER STREET, LONDON, E.C.2.

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For all Diseases of the Circulatory System

Recommend "ELASTO" for Varicose Veins, Ulcers, Eczema, Swollen Legs, Phlebitis, Thrombosis, Muscular Weakness, Bad Legs, Piles, Prolapsus, Varicocele, Hardened Arteries, Blood Pressure, Deficient Circulation and kindred ailments.

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The debilitated Patient & the Athlete are alike in this respect

The debilitated Patient and the Athlete are alike in one respect—they both need :

(a) immediately accessible energy : i.e., glucose.
(b) elements to nourish and control their nerve cells and reflexes : i.e., calcium and phosphorus.
(c) vitamin D to ensure the assimilation of these elements.

Glucose - D contains all these components.

Whenever glucose is prescribed, whether for the treatment of acidosis or febrile illnesses or as a "nutrient tonic" for debilitated or overstrained adults and children, Glucose-D, the reinforced glucose, is the preparation of choice.

GLUCOSE - D

IN 1-lb. TINS, 1/9 RETAIL

Write for trade and special quantity terms

SHOW MATERIAL. A striking showcard in distinctive colours is now available for Glucose-D stockists. Specially designed to attract wide public interest in Glucose-D as a sure source of energy as well as an invaluable aid in convalescence.

PRODUCT OF THE GLAXO LABORATORIES

GL

GLAXO LABORATORIES, 56 OSNABURGH STREET, LONDON, N.W.1

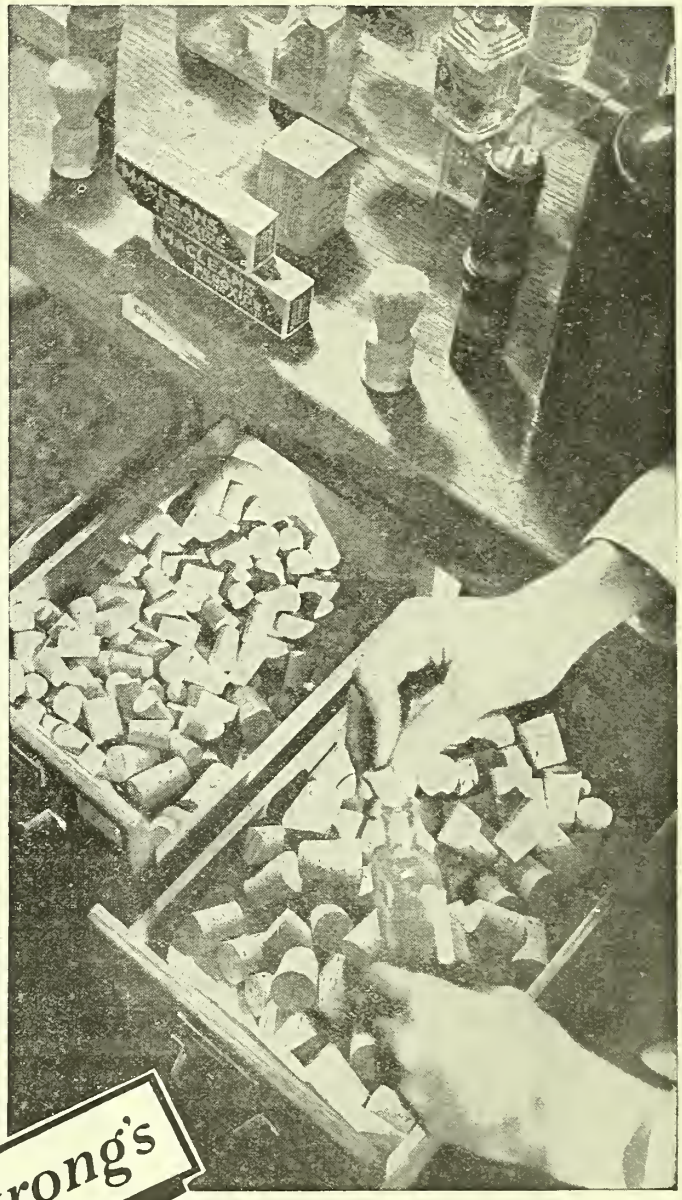
SUBSTITUTION.

The constant repetition of the same word tires us ; when repeated many times words begin to lose their force. The relation between the word itself and what it symbolises becomes hazy and it may have the directly opposite effect of what is intended.

Such a word as Service, for example, as applied to the Distribution business, is likely to suffer in this way. It is difficult to substitute a term which will adequately convey the meaning of Service in this respect, as it covers practically the whole attitude of the Wholesaler to his customer.

As a way out of the difficulty, we would suggest you substitute MAY, ROBERTS—the true synonym for service to the Chemist. It is restful to have interchangeable terms.

Here's an end to the problem of finding the right cork right away



No more fumbling around finding the right cork by trying all the wrong ones first. No more irritating, time-wasting, customer-annoying delays. Armstrong's have made this cork business as easy as A.B.C.

Every cork has a number—every number is a size, and each cork in its class is a perfect copy of its fellows—exactly similar in size, taper, quality and shape.

End your cork troubles *now* with the famous Armstrong Cork String—sample corks on a cord, each one numbered to indicate its size. Then when you need corks, simply quote the size number, and the quality required.

Send now for the Armstrong Cork String and samples of the five qualities available.

"Take its name and number."

Armstrong's (A) *Product*

Armstrong's

CORKS

STANDARD SIZES: STANDARD QUALITIES

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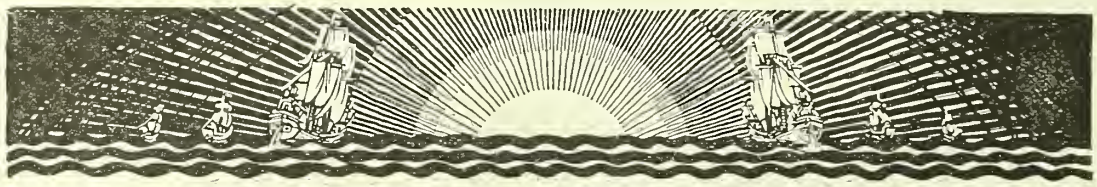
....The successful Pharmacist, ever on the look-out for increased turnover and more net profit, recognises in Moorland Brand Indigestion Tablets a line which stands alone. It sells to the most responsive buying public that an indigestion tablet has ever known. Get your window display fixed up now and make money

The National Advertising appearing every week continues to create many new and very profitable customers for you

W. B. CARTWRIGHT LTD RAWDON LEEDS



Confidence

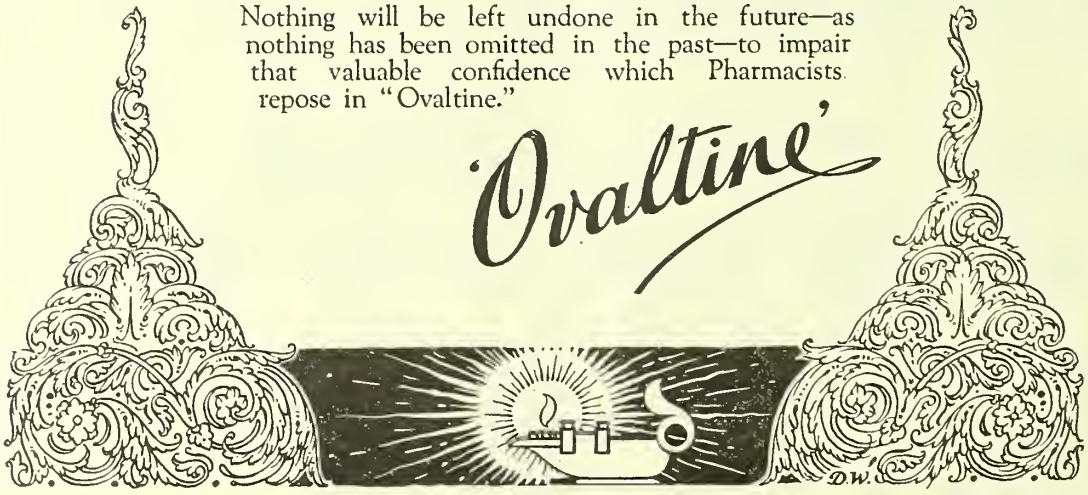
CONFIDENCE is not readily given or received in these days of doubt and difficulty. But when met with it is doubly valuable. It still retains its original meaning—the assurance of firm and implicit trust.

To earn and maintain the confidence of both the general public and the Pharmacists has been the constant aim of the manufacturers of "Ovaltine." They have produced an article of outstanding merit, which every Pharmacist can recommend to his customers with the utmost confidence. Each ingredient forming part of its composition is subject to rigorous tests for purity and natural activity. Every stage during the process of manufacture is controlled by skilled chemists and technicians in the preparation of dietetic products. The extensive "Ovaltine" Factory in a Country Garden is equipped with the most up-to-date machinery and with every modern device for ensuring perfect hygiene.

In spite of competition and imitation there has not been the slightest variation in the supreme quality of "Ovaltine." For example, imitation products contain a high percentage of sugar. "Ovaltine" contains no added sugar. To add sugar costing 2d. to 3d. per lb. would reduce the cost enormously, but it would not be "Ovaltine," with its supreme health-giving properties. Nor would the product retain the confidence which it now enjoys.

Nothing will be left undone in the future—as nothing has been omitted in the past—to impair that valuable confidence which Pharmacists repose in "Ovaltine."

'Ovaltine'



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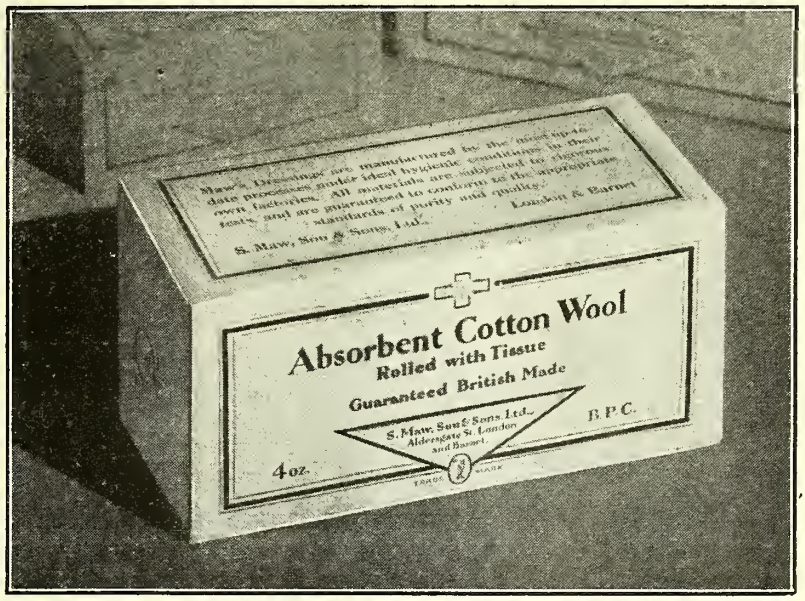

Just what was wanted!

These are the sort of things chemists in all parts of the country are saying of Maw's new B.P.C. Dressings in sealed cartons. Enthusiastic is too mild a term to apply to the welcome they have received—shortly Maw's Sealed Carton Dressings will be a feature of every pharmacy which is run on the policy of reasonable present profits in order to ensure increased future business. Every sensible chemist knew that a sealed package of strong card for dressings must come eventually. Now it is here—perfect dressings, perfectly packed, made by Maw's in their own works. Take them in your stride and let them help you to increase your prestige and your profits.

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LOW PRICE - - - Quantity prices for N.H.I. work

IDEAL PACKING - - Hygienic—Attractive—Strong—Sealed

Order for immediate delivery. Prices on application or from Maw's representatives.

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and Barnet.

TRADE MARK

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Small Size 2/- — *16/- per doz. P.A.T.A.*

Full show material on request.

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WATERPROOF & ANTISEPTIC

Retails at 1/9 P.A.T.A. per doz. 14/-

CARNATE Cuticle Remover

Retails at 1/6 P.A.T.A. per doz. 12/-

Artistic Showcards available on application

R. DEMUTH'S Laboratories

MIRADOS

Regd.

A new scientific preparation which prevents and alleviates the stings of mosquitoes and other insects.

Rapidly absorbed into the skin and does not soil or stain the clothes.

. . .

Artistic Cut-out Showcard in colour to hold one bottle available on application.

PRICE 1/3 P.A.T.A.

Wholesale 10/- *per doz.*

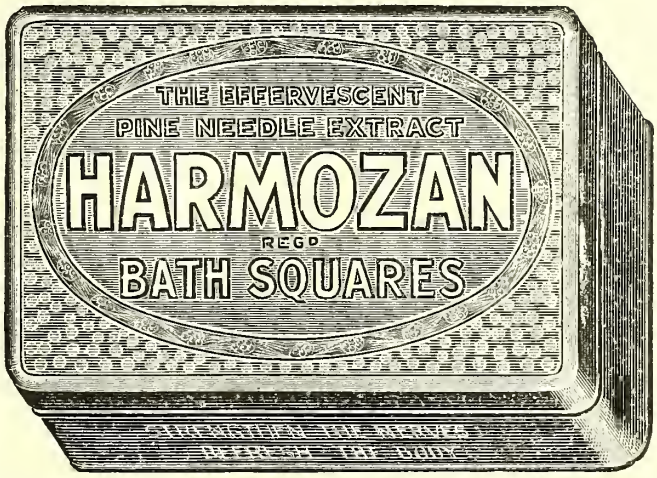
We are open to appoint AGENTS in the Colonies and Tropics.

Harmozan

A coniferous preparation possessing particularly powerful restorative properties, and in its compressed form, enables the effervescent Pine Baths of the famous Continental Spas to be reproduced in the home.

Retail 2/- & 3/9 P.A.T.A.

PER DOZEN 16/- & 30/-



68 Salusbury Road and Montrose Av., London, N.W.6

IF It's a Bristow product!

IT'S A CHEMIST'S LINE

Bristow

THE CHEMIST'S HOUSE
SINCE **1777**
COLINDALE, LONDON

SUMMER HOLIDAYS!

Whether your customers are going to
"THE DRIER SIDE"
THE OCEAN COAST or
THE SUNNY SOUTH
They will still want the usual

HOLIDAY ACCESSORIES

COMPLETE YOUR STOCKS FROM:

"NEWBERYS"
(F. NEWBERY & SONS LTD)
CHARTERHOUSE SQUARE, E.C.1
Tredegar House CARDIFF College Lane, LIVERPOOL

TAYLOR'S CIMOLITE TOILET POWDER

THE PERFECT POWDER FOR NURSERY USE

A perfectly bland and non-irritating Powder, Invaluable in all cases of Excoriations, Chafing, Roughness of the Skin, etc. Recommended by eminent skin doctors and recognised as the leading Toilet Powder for over 70 years by the nursing profession. Used in the Royal Households.

In deference to the many requests received from users of "CIMOLITE," a sprinkler tin to retail at 1/1½ is now available. This new packing is in addition to the familiar 1/1½ packet which is still on the market.

When ordering please specify TINS or PACKETS.

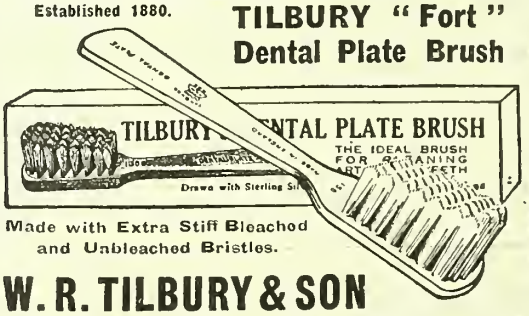
"CIMOLITE," in all sizes, also CIMOLITE SOAP AND CREAM, is stocked by all Wholesale Chemists and Druggists.

TERMS and ILLUSTRATED PRICE LISTS, also ATTRACTIVE SHOWCARDS, Counter Bills and other selling literature, obtainable from

JOHN TAYLOR, 30 Baker Street, Portman Square, LONDON, W.1.

Established 1880.

TILBURY "Fort" Dental Plate Brush



Made with Extra Stiff Bleached and Unbleached Bristles.

W. R. TILBURY & SON
47 FRAMPTON PARK ROAD, HACKNEY, LONDON - - - ENGLAND

EUCRYL DENTIFRICES

BRITISH OWNED

BRITISH MADE

EUCRYL TOOTH POWDER
EUCRYL TOOTH PASTE
EUCRYL DENTURE POWDER

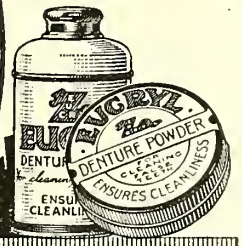
Bought on Display Terms Yield:

PROFIT ON SELLING PRICE 43%

PROFIT ON BUYING PRICE 75%

Nationally Advertised. Ask us for Showcards.

EUCRYL LIMITED
MANUFACTURING CHEMISTS
SOUTHAMPTON

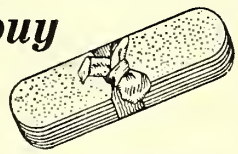


Anti-Thrax REGD
SAFE BRUSHES
The First Brush to carry a
£500 Free Insurance Against Anthrax
LONDON MADE
STERILISED TWICE
No Goat Hair _ No Horse Hair

Retail Prices from 1/6 to £10 10 0 P.A.T.A.

Handles guaranteed not to split. All brushes fitted with new hanging device.
Supplies from Wholesalers,
Edward Hack, 69 Farringdon Rd., London, E.C.1

No need to buy abroad!



We can supply all your
MANICURE GOODS
At Prices which meet Foreign Competition
Wholesale Houses only supplied.
ROBERT LEE, 14 Calverley Grove,
Phone: Archway 2144. N.19

earn 62½% IN JUNE
by selling 1/-
SWANDOWN
FACE POWDER
details from all wholesalers
HENRY TETLOW CO. LTD.
61, EAGLE STREET, LONDON, W.C.1.

SPECIAL

DISTRIBUTION

OFFER

DURING
MAY ONLY.

Reap your share of the Sales resulting from Taky Advertising. Get your first stocks on these exceptional terms, which we can offer during May Only. - And in addition you will qualify for our special cumulative Bonus, details of which will be forwarded with your first order.

DISTRIBUTION PARCEL
3 doz. Assorted

1 1/2 doz Crème Taky retail at 1/3 each
1/2 — — — — — 1/9 —
1 doz Liquid Taky — — 2/6 —

Sells at £3-3-0
By Ordering Now : Price
110 % Profit
Order Now

TAKY

Banishes Unwanted Hair
Quick — Clean — Sure
The depilatory with the novelty appeal and steady sales.

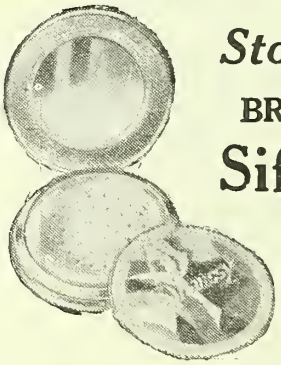
518

CHAS. ROGER LABORATORIES LTD.
15, Great James St. W. C. 1. Phone Holborn 9971

Yes—*advertised month in and month out——— and it shows you*

83% PROFIT

THE BUTYWAVE CO. (Dept. O.27), 5 Rampayne Street, Vauxhall Bridge Road, London, S.W.1.



Stock & Sell
BRITISH MADE
Sifter Box
now made in attractive colours
28/- per doz.
Retail 3/6 ea. P.A.T.A.

BATH POWDER CONTAINER
36/- per doz. Retail 4/6 each. P.A.T.A.

Ask for Illustrated List.

Dhaussy POWDER BOX
COMPANY, LIMITED,
11, Bartletts Buildings, Holborn Circus,
London, E.C.4.

Mercolized Wax

for the Complexion

Extensively Advertised. Always in Demand.

There is no risk in holding full stocks.
Every woman is a potential buyer.
Sales are regular and repeats certain.

Stallax

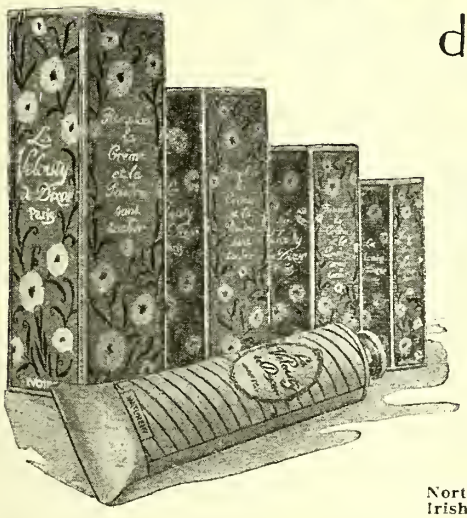
a Shampoo—also popular,
and shows a handsome profit.

Dearborn
(1923) Limited
37 Gray's Inn Rd. London. W.C.1.

Telephone,
Holborn. 9669

the original combined Cream and Powder

VELOUTY
de DIXOR



The advertised line that you are asked for.

NOW ON P.A.T.A.

Samples free upon receipt of trade card or billhead.

PRICES :—No. 1. Handbag tube	3/-	doz.	Retail	-/4½
No. 2. Small tube -	4/-	,,	,,	-/6
No. 3. Medium tube	7/-	,,	,,	1/-
No. 4. Large tube -	14/-	,,	,,	2/-
No. 5. Super tube -	22/-	,,	,,	3/-
Pots - - -	21/-	,,	,,	2/9

Made in four shades:
WHITE, IVORY, NATURAL and OCHRE.

Obtainable from your regular Wholesaler or direct from the Manufacturers:

DIXOR, LTD.
68 Newman Street, Oxford Street, London, W.1.

Sole Distributors for
Northern Ireland: ROBERT MAYRS & CO., 43 Chichester Street, BELFAST
Irish Free State: MAY, ROBERTS & CO. LTD., Grand Canal Quay, DUBLIN

A. S. LLOYD'S EUX-E-SIS.

For Shaving without Soap, Water, or Brush.

CAUTION.

The Labels on GENUINE EUXESIS bear two signatures—A. S. Lloyd, in black ink, and that of his Widow, Aimée Lloyd, in RED. Refuse any other.

Tubes 1/6 & 3/- ~ 33⅓% Profit

Sole Manufacturers and Proprietors: **AIMÉE LLOYD & Co., Ltd.**

23 PANTON STREET, HAYMARKET, LONDON, S.W.

N.B.—When ordering from Wholesale Houses write LLOYD'S EUXESIS (WIDOW'S).

OCEAN BLADES 8/- Gross
are BRITISH MADE and BEST
There are many blades but none like 'OCEAN'

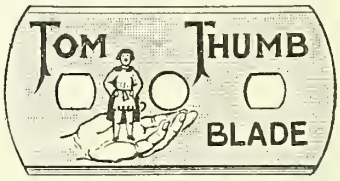
Made by the most up-to-date scientific method, of the finest quality steel, in our own factory in England. You will not get a better blade, no matter what price you pay. Millions of delighted users swear by Ocean Blades.

CONQUEROR BLADES *New Reduced Price* 5/6 GROSS
The finest penny blade on the market. A real good blade giving entire satisfaction. Made of best Silver Steel. WRITE FOR SAMPLE.
Stocked by all leading wholesalers—if any difficulty in obtaining supplies write direct, enclosing cheque or P.O. for immediate delivery.

OCEAN BLADES (GREAT BRITAIN) LTD.
Sales Dept.: 1-6 Bridgewater Place, London, E.C.1. Clerk. 6257
Blades made under Customers' Own Name. State quantity.

ENGLAND'S LAST WORD
IN SAFETY RAZOR BLADES
THE GREAT "TOM THUMB"
(ACTUAL SIZE OF BLADE)

Retails at 1d. each



Retails at 1d. each

MADE BY
Brooks, Haywood & Co. Ltd., Shiloh Works, Sheffield

THE

Patent No. 296,597.

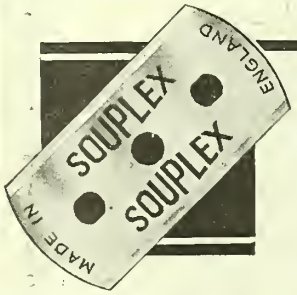
Every Razor and Blade Guaranteed.

WARDONIA

"NEW EDGE" RAZOR!

A shaving miracle with enormous sales! Send now for trade terms for the Wardonia "New Edge" Razor and Blades. Both scientifically right and soundly-established lines at a generous profit.

Sole Makers:
Thomas Ward & Sons, Ltd.,
Wardonia Works,
Sheffield - - England



Order through usual wholesaler or direct from
SOUPLEX LTD., Morecambe

BIGGER PROFITS
WHEN YOU SELL
SOUPLEX
6 for 1/-
92% Profit

AMAMI WAVE SET

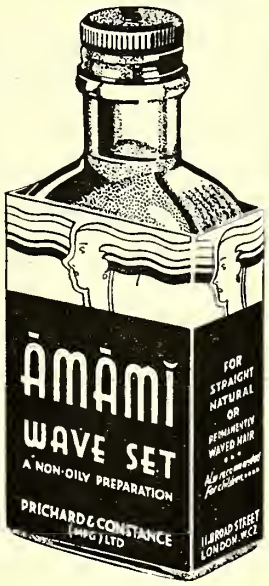
Amami achieves another Success!

In Amami Wave Set, chemists have another fruitful source of profit. Retailing at 6d., this line fulfils the need for an inexpensive setting lotion that can be used without affecting the colour of the hair. See that you have stocks to meet the demand that the advertising campaign is creating in your district.

TRADE TERMS

48/- per gross, less 10% on 27/- minimum Assorted Parcel.

Retailing at 6d.

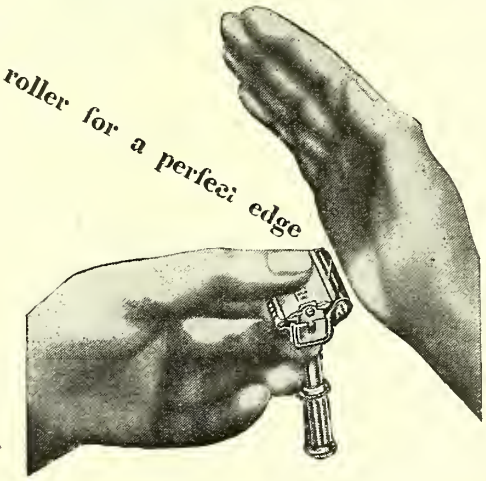


Order now from your wholesaler or direct from the manufacturers :—

PRICHARD & CONSTANCE (MFG.), LTD., 11, BROAD ST., W.C.2

RONSON

the marvellous new razor and strop in one



The Ronson will revolutionize your Razor Trade.

Sharpening done by a flick of the hand —no need to take the Razor to pieces for cleaning or drying — British made — Chromium plated throughout — Rustless Sheffield blades of extra super-steel — months of shaving from every blade. These are the points which make the Ronson Razor a really quick seller.

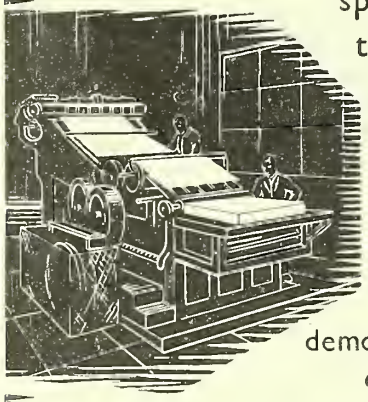
For you, 7/- clear profit on every Ronson retailed at £1.1.0. Extensive advertising and attractive counter and window show cards to increase your sales. Try one yourself and you will be convinced of its superiority to any other razor.

Write for samples and Trade Folder with full particulars. Ronson Products Ltd., Manfield House, Strand, London, W.C.2.

Good Printing

gets there

Wholesale Chemists & Retailers alike will find success more certain by giving careful attention to their printing, and dealing direct with printers who specialise in their particular requirements.



Give us an opportunity to demonstrate our claim.

We specialise in Labels, Folding Boxes, Envelopes and advertising printing of every description.

Send your next enquiry to

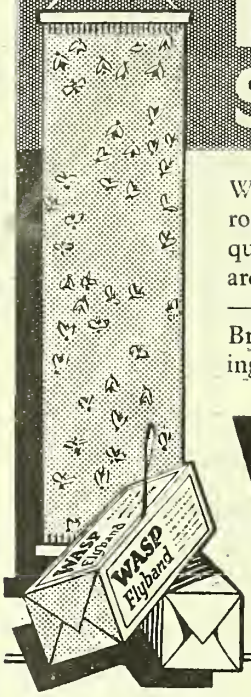
Alf. Harrison & Sons Ltd.

Chemists' & Advertising Printers
Burley Road
LEEDS

London Office: Sentinel House, Southampton Row, W.C.1
Phone: Museum 8340

ALSO AT DUBLIN AND BELFAST

ONLY A SMALL LINE BUT WITH HUGE SALES!



Wasp Flybands take up no room on your shelves—cleanest, quickest and best flycatcher—are always in perfect condition—never any 'dead' stock. British-made—brings astounding repeat sales.

WASP FLYBAND

Manufactured by:—
F. W. Hampshire & Co. Ltd., Sunnydale, Derby.

"ODENTIC" PLATE BRUSH

Regd. No. 417637.

From all Wholesalers.
Packed in ½-dozen Display Boxes.
Manufacturers:
W. R. Speer & Son (EST. 100 YEARS)
215 DALSTON LANE - - LONDON, E.8

NURSE HARVEY'S MIXTURE

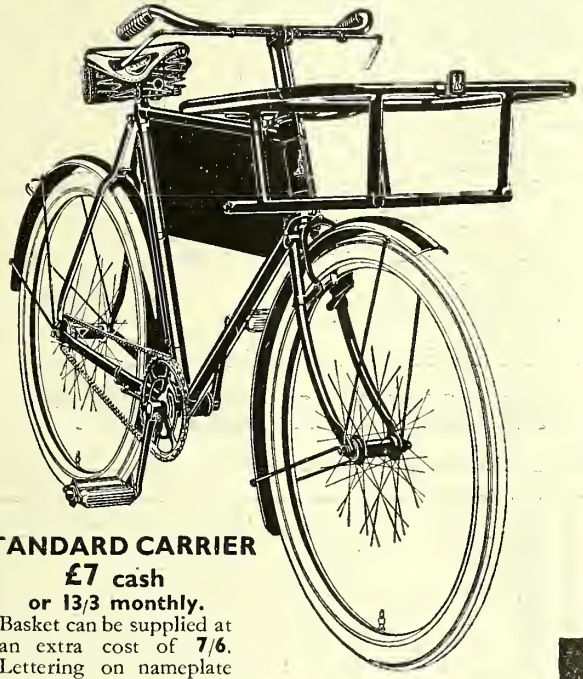
A safe, simple and reliable remedy for Children's Ailments is advertised so extensively in the daily and weekly Press as to bring mothers to the retailer without effort on his part.

The selling has been done before the mother reaches the chemist, and, having supplied her, it is only common sense to claim she will buy other family necessaries from him. Moreover, the continuous demand for it produces a quick turnover.

For Direct Terms apply to—
OSCAR SCRUTON & CO., YORK

QUALITY BUILT

Raleigh Reliability cuts Delivery Costs



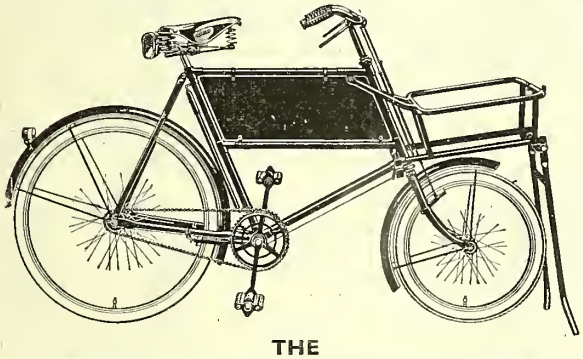
STANDARD CARRIER
£7 cash
or 13/3 monthly.
Basket can be supplied at an extra cost of **7/6**. Lettering on nameplate (up to 30 letters each side) **5/-** extra.

You know in advance the maintenance cost of the Raleigh . . . it is practically nil, for the All-Steel Carrier Cycle is Guaranteed for Ever.

You can put the Raleigh into service safe in the knowledge that it will never let you down. It will be ready to deliver the goods on time and every time. The unique all-steel construction, sturdy design and special scratch-proof and rust-proof enamelling (to mention but a few of its QUALITY-FIRST features) defy the wear and tear of irresponsible riders.

Give better service to customers at lower cost to yourself with the

RALEIGH
CARRIER CYCLE



THE
RALEIGH LOW GRAVITY CARRIER
For carrying heavy or bulky loads with safety from skidding. The small front wheel permits an exceptionally large basket and the low position of the load ensures easy steering and stability.
£7 10s. cash or 14/2 monthly.
Basket and lettering on nameplate extra as on Standard Carrier.

Built ENTIRELY of tested steel and Guaranteed for Ever

Every Raleigh Carrier Cycle is fitted with Brooks Plyflex saddle and Dunlop tyres. Complete with rear reflector, inflator, toolbag and complete kit of tools.

Send for full details and address of the nearest Raleigh agent.

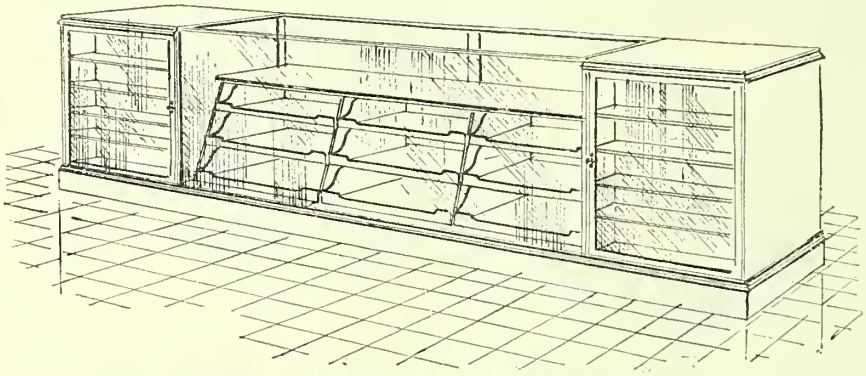
THE RALEIGH CYCLE CO., LTD., NOTTINGHAM

PHILIP JOSEPHS & SONS, LTD.

PHARMACEUTICAL SHOPFITTERS

90 & 92 St. John Street, Clerkenwell, LONDON, E.C.1

Telephone : CLERKENWELL 2191 *Telegrams : JOSIPHIAH, SMITH, LONDON*



THE IDEAL COUNTER

DETAILED SPECIFICATION AND PRICES ON APPLICATION

"PHARMACY FITTERS FOR OVER A CENTURY"

MANY SUCCESSES IN THE EXAMINATIONS

Your Opportunity to

QUALIFY IN OPTICS

PRACTICAL WORK. Personal tuition in the practical work is a distinctive feature. Students can avail themselves of the practical classes held during examination times when they are in London.

Expert Tuition for the SIGHT-TESTING DIPLOMAS of the Worshipful Company of Spectacle Makers (F.S.M.C.) ; the British Optical Association (F.B.O.A.) ; the National Association of Opticians (F.N.A.O.) ; or the College of Optics (F.C.O.).

Write for full particulars—

C. A. SCURR, M.P.S., F.S.M.C., F.B.O.A., F.N.A.O., B.Sc., F.I.O., F.C.O.
50 HIGH STREET, BARNET, LONDON, N.

Increase Your Developing and Printing Service !

Make use of our really useful series of D. & P. books, also our Printed Aids to Selling.
Interesting range of samples post free.

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We make substantial reductions during JUNE, JULY & AUGUST for our standard lines of printing, advert. matter, labels, etc. Now is the time to push sales in the Photo., Toilet and Holiday Equipment Depts. Our samples provide ideas and literature to develop all branches of the Pharmaceutical Business.
A Post Card will bring you full details

ELLAMS & CO., The Georgian Press
Hanover Street, LIVERPOOL.

The Extra Pharmacopoeia

By W. HARRISON MARTINDALE, Ph.D.

19th Edition. Vol. I 27s. 6d. net, postage 6d. **Vol. II 22s. 6d. net,** postage 4d.
The two vols. 50s. net post free.

Vol. I (1928) deals chiefly with **Treatment,** giving the important issues as to the **Clinical Use** of all modern **Chemicals and Drugs, characters, dosage, methods of prescribing,** etc.

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THE SECRETARY OF THE PHARMACEUTICAL SOCIETY (Pharm. Jl., Jan. 30, 1932) says : "The Pharmacist (of to-day) must have available the most recent edition of the Extra Pharmacopoeia, and not an edition ten years old."
LANCET, Nov. 2, 1929, says : "A clear and authoritative publication of the highest value."

An up-to-date Book for everything on the Therapeutic Use of Drugs. It embodies the Latest and most Varied Information on Chemistry, Pharmacy, Therapy, and numerous other subjects.

LONDON : H. K. LEWIS & Co. Ltd., 136 Gower Street, W.C.1

Also obtainable from **W. Martindale, Mfg. Chemist, 12 New Cavendish St., London, W.1**

TAKE
D & P
out
of
DEPRESSION
with
SELO
GASLIGHT

DISTRIBUTED BY ILFORD LIMITED, ILFORD LONDON

The Dog Line for Profit

Unlike Dog Medicines—which are only occasional purchases—SALCA, being a Dog Food Supplement, commands a regularly recurring sale. It is a line which is extensively advertised and attractively packed. Retails at 6d., 2/- and 6/- per tin. The respective trade prices are 4/6 per doz., 15/- per doz. and 4/6 each, carriage paid. Try a dozen 6d. size, 4/6 per doz. Supplies may be obtained from most of the leading wholesalers.

Recommend
"SALCA"
for
CONDITIONING, WORMS, ECZEMA, DULL COAT, LISTLESSNESS, LOST APPETITE, BOILS, and to stop and prevent SCRATCHING.

SALCA

FOOD SUPPLEMENT FOR DOGS

Sole Manufacturers :—

ASSOCIATED LONDON FLOUR MILLERS, LTD. (Dept. C.&D.) **Haddon House, Fenchurch St., London, E.C.3**

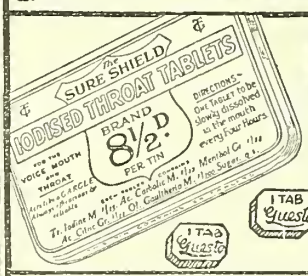
Meet the BIG DEMAND

BY LAYING IN STOCKS OF

THE SURE SHIELD SERIES

"SURE SHIELD" BRAND Iodised THROAT **TABLETS**

A Few Specimen "SURE SHIELD" Advertisements



8½D Tins
5/6 doz 63/- per gross

1/3 Tins
9/6 doz 108/- per Gross Nett

THOS GUEST & CO., LTD.
CARRUTHERS STREET,
ANCOATS, MANCHESTER.

LONDON DEPOT:
1, SWAN STREET,
MINORIES, E.1.
TELEPHONE: ROYAL 8111.

It looks better -It keeps safer in a BETTS' COLLAPSIBLE TUBE

- They keep your product in perfect condition.
- Their quality and finish is unsurpassed in the trade.
- All British made.
- New machinery enables us to cut production costs.

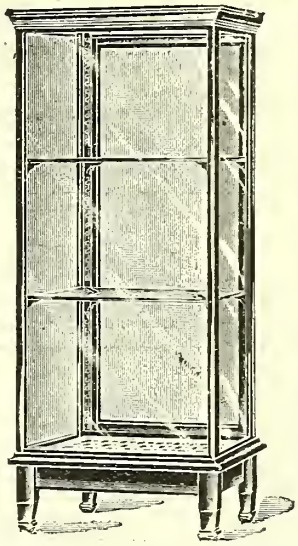
Send for particulars, samples and quotations to

BETTS & CO., LTD.

1 WHARF RD., CITY RD., LONDON, N.1

Established 1857. *Telephone: Clerkenwell* 1918.

KING'S "SUPER" SHOWCASES



No. H 2036. OAK OR MAHOGANY FRAME SHOWCASE, new ¼" drawn plate glass front, top and sides, with hinged glass door at back. Interior fitted with brown bronze tapped bar and adjustable brackets and 2 plate-glass shelves, polished edges. Bottom of showcase fitted parquet floor. Over-all dimensions:— 6′ 3″ high × 2′ 6″ wide × 1′ 6″ back to front.

£10 : 0 : 0

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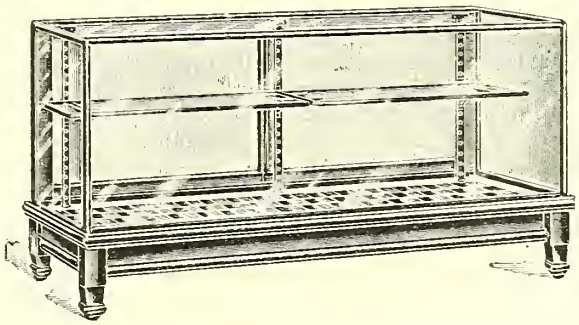

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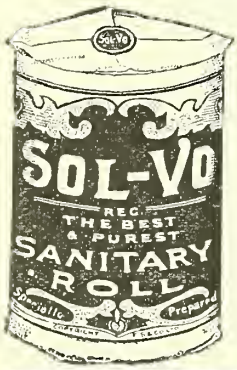

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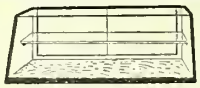

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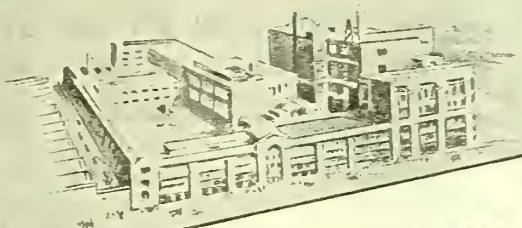

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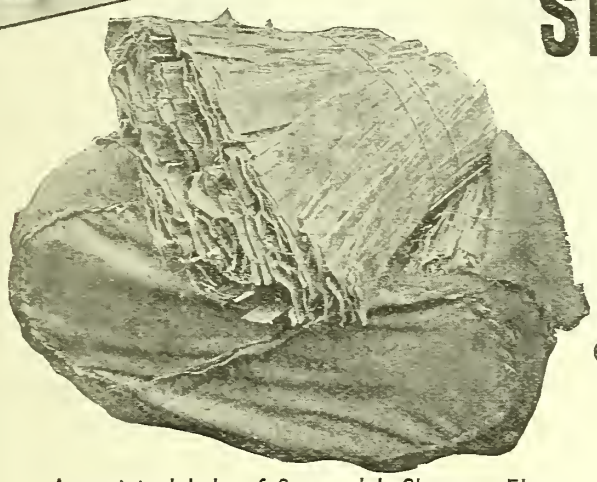

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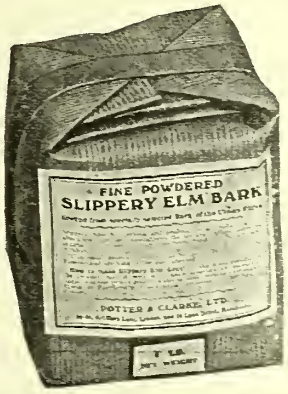

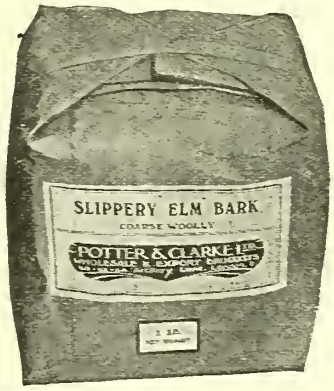

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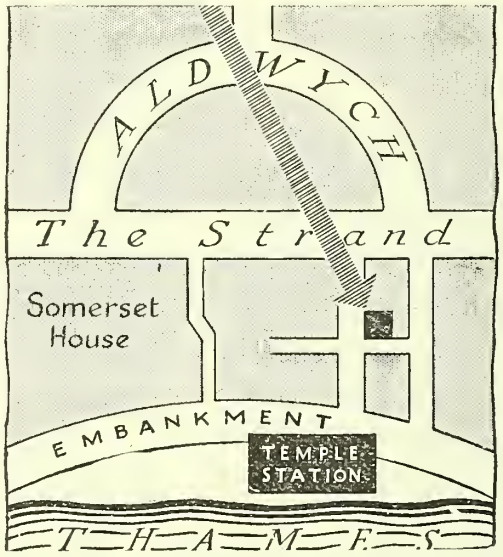

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A Weekly Journal of Pharmacy, the Drug, Chemical and Allied Trades

The official organ of The Pharmaceutical Society of Ireland, The Chemists' and Druggists' Society of Ireland, and of other Chemists' Societies in Overseas Dominions

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VOL. 116. NO. 2729 MAY 28, 1932.

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News of the Week

Society of Apothecaries of London

At the dispensing assistants' examination held on April 25 and 27, the following candidates were granted the certificate of qualification to act as an assistant to an apothecary in compounding and dispensing medicines:—

Anthony, R.	Johnson, E. S.	Poplett, R.
Bartlett, E.	Jones, Margaret	Porter, E.
Bartlett, N. I.	Lang, F. M. L.	Poupard, S. E.
Barton, M.	Lee, V. H. M.	Richter, D. I.
Beckley, M.	Munslow, M.	Rowell, M.
Boon, E. M.	Neale, R.	Sampson Smith, M.
Bradbury, M.	Nelson, C. M.	Sleigh, S. S. D.
Card, M. D.	Newbery, M. O. T.	Smith, A. E.
Cook, E. M.	Noake, F. C.	Smith, V. C.
Esmonde Deane, N. K.	Olley, M.	Spencer, D. M.
Holdcroft, F. M.	Papworth, P. D.	Walton, F. D. M.
Hook, M. M. J.	Parish, S.	Willett, G. M.
Jennings, C. M.	Payne, M. S.	Winter, D. F.
	Phillips, M. M.	Wyse, N. A.

Retail Pharmacists' Union

The following resolutions were adopted at a delegates' conference held by the Retail Pharmacists' Union, at the Holborn Restaurant, London, W.C.1, on May 25:—

(1) "That the R.P.U. Executive, realising that the Pharmacy and Poisons Bill includes in Part I provisions asked for by the Pharmaceutical Society, and in Part II proposals given in evidence by the Society, and that the Council's decision to support the Bill has been ratified by the Society's delegates' conference, is of opinion that the other pharmaceutical organisations cannot now successfully oppose the Bill."

(2) "That the R.P.U. Executive, being satisfied that the Pharmaceutical Council assisted the opposition to the Bill in order to secure advantageous additions and not for the purpose of preventing the provisions already in the Bill becoming law, appreciates the difficult position in which the Council was placed by the Government's refusal to make the desired additions to the Bill, and is now prepared to assist the Council in preventing undesirable changes in the Bill during its passage through the House of Commons, whilst reserving to itself the right to use any available opportunity to secure desirable amendments."

Contracts

The following tenders have been accepted by the bodies named:—

Caerphilly Urban Council.—Mr. H. J. Gatehouse, chemist and druggist, and T. E. Williams, Ltd., chemists, drugs, etc.

Grantham Town Council.—Mr. S. Calvert, chemist and druggist, drugs, etc.

Great Yarmouth Education Committee—Mr. G. T. Woodcock, chemist and druggist, drugs.

Birmingham

Sentences on shoplifters are being stiffened in the City Police Court; the effect will no doubt be salutary.

At the May meeting of the Supreme Grand Chapter of R.A. Masons, Mr. Maurice Smith, J.P., Ph.C., formerly of Kidderminster and now a director of Cuxson, Gerrard & Co., Ltd., was appointed Past Grand Standard Bearer. Mr. Smith is the present Second Grand Principal of the Province of Warwickshire, and was the first M.E.Z. of the Alchemy (Pharmacists) R.A. Chapter.

Manchester

The unsettled weather conditions in Manchester during Whit-week (although no worse than other parts of the country), combined with trade depression, have helped

to make one of the leanest periods, financially, for many years.

At a recent meeting of the executive of the local branch of the R.P.U. in Manchester, the following officers were elected for the ensuing year:—*Chairman*, Mr. J. Lyle Davison; *Vice-Chairman*, Mr. W. Edwards; *Treasurer*, Mr. G. H. Haines; *Secretary*, Mr. T. Miller (re-elected).

Miscellaneous

FAIRCHILD SCHOLARSHIP AND PRIZES.—Entries for the next examination for the Fairchild Scholarship and prizes must be received by June 1. Address: Mr. Herbert Skinner, Secretary to the Trustees, 64-65 Holborn Viaduct, London, E.C.1.

POISON-LICENCE APPLICATIONS. — Application for a licence under Section 2 of the Poisons and Pharmacy Act, 1908, has been made by the following to the respective local authority:—William Lewis (Agricultural House), Ltd., Hirwaun, Glamorganshire; Mr. H. T. W. Manwaring, Horsmonden, Kent.

IN THE COURTS. — At Barnsley Police Court, on May 18, A. M. Clark, Ltd., chemists, Market Place, Penistone, were fined £3 3s., with costs, for having sold spirits in less quantity than authorised. Mr. H. F. Slack, who defended, said that the company had been in business for fifty-two years without complaint. The defendants could sell a bottle and a half, and kept half-bottles for that purpose.

ROYAL INSTITUTION.—The annual meeting of the Royal Institution of Great Britain was held on May 2, Sir Robert Robertson (treasurer and vice-president) in the chair The annual report of the committee of visitors for the year 1931 was received and adopted. Thanks were voted to the officers and to the committees of managers and visitors for their services. The following were unanimously elected officers for the ensuing year:—*President*, the Right Hon. Lord Eustace Percy; *Treasurer*, Sir Robert Robertson; *Secretary*, Major Charles E. S. Phillips.

Scottish Notes

Brevities

Mr. James Teunion, chemist and druggist, Airdrie, has removed to new premises at 12 South Bridge Street.

Mr. Peter Fenton, F.C.S., M.P.S., F.I.O., will in future devote his time exclusively to optometrical work.

The Scottish representative of an English house recently received an order for 2,000,000 aspirin tablets for shipment to the East.

Mr. R. Adamson, chemist and druggist, High Street, Kinghorn, has disposed of his business there to Miss Morrison, chemist and druggist.

The Edinburgh Pharmacy Golf Club decided its summer competition over the course of the Burntisland Club on May 23 with the following results:—(1) (tie) J. Bowman, W. A. M. Hourston; (3) J. P. Gibb.

The term of office of members of panel and pharmaceutical committees in Scotland is extended (S.R. & O., 1932, 333/S.18, Stationery Office, 7d.) to May 31, 1935, with the exception of the Panel Committee for Glasgow and the Pharmaceutical Committee for the County of Lanark.

Glasgow

Professor F. J. Wilson, of the Royal Technical College, Glasgow, is chairman-elect of the Glasgow and West of Scotland section of the Society of Chemical Industry.

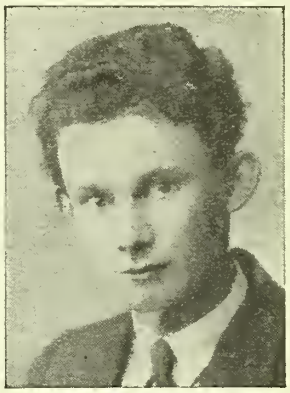
Coronet Camera Co., 310 Summer Lane, Birmingham, have opened an office at 200 St. Vincent Street, Glasgow, where a full stock of the company's products is being kept.

Mr. A. G. Wraight, a former representative of James Taylor (Trongate), Ltd., 132 Trongate, Glasgow, C.1, has rejoined their staff. He will represent the company in the West of Scotland, Dundee, Fife, and the North.

Irish Notes

Irish Medical Exhibition

Pharmacists found much of interest at the Irish Medical Exhibition which was opened on May 16 at the Mansion House, Dublin. Among the exhibitors were Allen & Hanburys, Ltd., Ilford, Ltd., Kolynos, Inc., and the Pepsodent Co. There was a good entry for the window-dressing competitions, and most of the competitors showed skill and an artistic sense. The winners were:—First prize, M. O'Sullivan (J. J. Roche, chemists, O'Connell Street, Dublin), who used Pepsodent tooth-paste. Second prize, Mr. Alex. Loughrey, University Pharmacy, 102 Lower Leeson Street, Dublin, with Fassett & Johnson's preparations.



MR. M. O'SULLIVAN

The Free State Tariff

Interest in the Irish Free State budget, introduced in the Dail on May 11 (*C. & D.*, May 21, p. 549), has centred, so far as the drug trade is concerned, in the package tax. The following views have been expressed since our last week's issue appeared:—

Mr. R. Peck, director of May, Roberts & Co., Ltd., said that as far as their own goods were concerned, they had been packing and bottling them for years. As far as foreign products were concerned, he had little hope that they would engage in any extensive packing on this side. It was questionable if big manufacturers would care to go to the expense of installing very expensive plant. He anticipated that his firm would do a little more packing and bottling, and this would necessitate the hiring of a little extra labour. The chemical business, he said, was highly complex, necessitating the stocking of 20,000 different articles, and firms controlling proprietary medicines would not, he believed, allow wholesalers in Dublin to pack for them.

Mr. A. A. Brunker. managing director of Boileau & Boyd, Ltd., wholesale chemists, stated that his firm was established in Bride Street in 1700, and since then has been continually and increasingly engaged in the manufacture and distribution of Irish-made medicines. Messrs. Boileau & Boyd will take advantage of the provisions of the new budget to increase their plant and staff, so as to be ready for any increased demand for Irish products.

Mr. H. N. Bream, Ph.C., director of A. de St. Dalmas & Co., Ltd., who arrived from Leicester to aid the firm's Dublin manager in straightening out the tangle, said that the tariffs were not working out fairly at present. The main burden would have to be borne by the poor man who represented the 3d. and 6d. trade, while the rich man, who could afford to buy his medicines in bulk, would come off comparatively lightly. Mr. Bream also criticised the impost of 50 per cent. on medicinal liquid paraffin. He added that his firm is making arrangements to do more packing than before, especially in cosmetics. To this end new and expensive machinery is being installed.

Mr. J. Costello, director of the Dublin Drug Co., Ltd., wholesale chemists, regarded the tariffs as giving a great opening to Irish chemists.

Mr. James Duggan presided at a recent meeting of the Irish Retail Chemists, held in Dublin. The tariffs were under discussion, and it was decided not to increase prices until it was definitely ascertained what the attitude of the wholesalers would be.

The new Free State duties have had some effect on the drug trade of Northern Ireland. A member of a Belfast wholesale drug firm stated that they had so much trouble when the first tariffs were imposed on medical commodities that they practically cut off their Free State business. This, he said, was because of the delay and damage in having certain commodities analysed—one packet, value about 17s., required five months to decide whether it was dutiable or not. He pointed out some peculiarities of the package tax, one of which in particular will hit small business men in the Free State very hard. There are comparatively few traders who order large consignments; and in rural areas, where the shops are small, prices are likely to rise higher than in urban or city areas, where the establishments can carry a big stock. One point which has apparently been lost sight of is that Northern firms gave three months' credit and firms in Great Britain fourteen days', while foreigners had to be paid on the presentation of the bill of lading. The first-named arrangement suited Southern retailers exceptionally well, but with the Northerners finding the present tariff walls too high the retailers may be forced to place their orders elsewhere.

Brevities

A new pharmacy is being opened at Terenure, Dublin, by Mr. S. T. Smith, L.P.S.I.

Mr. Gerald F. Crilly, L.P.S.I., Balbriggan, who was recently married to Miss Kathleen Whelan, received a presentation from the Balbriggan Town Improvements Society, of which he is an active member.

At Drogheda, on May 20, a fine of £10 was imposed on F. W. Brittain, Ltd., chemists, who were charged with selling methylated spirits without knowing the purpose for which it was required, and with failing to enter the sale in the record book.

At an inquest held in Dublin on May 18, concerning the death of Mr. Robert Barton, cattle dealer, who was found dead in his house, "Death from strychnine, self-administered while suffering from temporary insanity" was the verdict returned by the jury. Mr. Doyle stated that he sold the deceased a drachm of strychnine, and the register was signed. Witness had known the deceased for a number of years. When he came into the shop he appeared perfectly normal.

Coming Events

This section is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc. occur.

Tuesday, May 31

Pharmaceutical Society of Great Britain, Bedfordshire Branch, at the Insurance Offices, Harpur Street, Bedford, at 7.45 p.m. Mr. A. W. Morgan on "The Work of the R.P.U."

Wednesday, June 1

Western (London) Pharmacists' Association and Branch of the Pharmaceutical Society, Stewart's Restaurant, 50 Old Bond Street, W.1, at 8.30 p.m. Annual meeting.

Edinburgh Chemists', Assistants' and Apprentices' Association, Botanical excursion to Musselburgh. Meet Waverley Station, 6.30 p.m.

Pharmaceutical Society of Great Britain, 16 Bloomsbury Square, London, W.C.1, at 11 a.m. Council meeting.

Topical Reflections

By Xrayser

If Annual Meetings

of the Pharmaceutical Society are supposed to reflect the feelings of the 15,000 members of our chief representative body, the report of the ninety-first meeting of the long series (*C. & D.*, May 21, p. 562) cannot be held to indicate the existence throughout Great Britain of any general feeling of dissatisfaction with the work of the Council of the Society during the past twelve months. The attendance at the meeting appears to have been small in the extreme; there were only six unofficial participants in the discussion; the annual report was adopted unchallenged; and the opposition to the Council's latest declaration of policy with regard to the Pharmacy and Poisons Bill was limited to four of those present. Counting of the votes recorded for the Council election confirmed the lack of serious disagreement with what has been done and what is proposed. It also revealed that fact that the members of the Society seem to take an interest in the conduct of their affairs which diminishes with the increase in membership. Comparison of this year's figures with last year's shows such a marked falling off in the numbers of those who took the trouble to vote that one suspects the existence of a widespread feeling of indifference as to what is being done or what may happen.

The Small Poll

may, I think, be accounted for partly by failure of the Council of the Pharmaceutical Society to rouse enthusiasm for its work and policy outside the solid block that always supports those in possession, and partly because there was a lack of suitable attacking candidates to attract the votes of those who might otherwise have been disposed to help in effecting a change. As a result the Council remains unchanged except for the replacement of one former member by another. Meanwhile some 8,000 members of the Society who were entitled to vote on this occasion have failed to do so, despite the fact that such important issues are at stake. Frankly, as you state (p. 561), this is deplorable, the more especially in view of the slight amount of trouble involved in the recording of votes. But similar things have happened before, and next year may see the pendulum swinging in the direction of vastly increased interest in our corporate affairs.

"Deadly Unanimity"

was a phrase which appeared several times in the *C. & D.* when the late A. C. Wootton was Editor, being used in Editorial articles to describe the unquestioning follow-my-leader attitude of the Pharmaceutical Council, month after month. It might now appropriately be applied to meetings of pharmaceutical delegates, at which there may be much sound and fury, but the result is usually a unanimous vote in favour of the powers that be, or one against which no opposition is recorded. Three delegates attending the recent meeting in London have protested to the secretary of the Pharmaceutical Society (p. 571) that they did not support the vote of confidence in the Council, though they did not take the trouble to vote against the majority. But surely the occasion was one of sufficient importance to record disapproval if such were felt. This particular incident may perhaps be regarded as throwing some light upon the statements of individuals attending meetings, to the effect that they opposed what was done at those meetings, when others who were present felt quite confident that no one had voted in opposition. It is not a satisfactory way of proceeding, and does not tend to make us respect those who oppose only in secret or on non-critical occasions. On the other hand, it does tend to brand some meetings undeservedly as occasions when deadly unanimity prevailed.

Imperial and Foreign News

THE DEATH occurred recently of Mr. Foo Khee How, manager-proprietor of the Medical Office, North Bridge Road, Singapore.

THE firm of N. Powell & Co., chemists and manufacturers of surgical instruments, Bombay, has been converted into a limited company. The firm has been established forty-six years.

INDIAN TARIFF ALTERATIONS. -- An order, dated April 9, has been issued by the Finance Department of the Government of India authorising the free import of a number of classes of merchandise. The following items are of interest to the chemical and allied trades:—Unmanufactured mica; calcium acetate; radium and its salts; opium, when imported by the Government at specified ports

ITALIAN LANDING TAX ON SEA-BORNE IMPORTS.—A Royal decree provides that all goods landed in the ports or on the coasts of Italy are to be liable to a landing tax (tassa di sbarco) as follows:—

Phosphates, nitrates (except nitrate of soda) and building material—1 lira (paper) per metric ton;
Other goods—2½ lire (paper) per metric ton.

Exemption from the tax is made in the case of (*a*) goods coming from abroad and landed for transit through Italy to a foreign destination; and (*b*) materials resulting from the breaking-up of ships when such breaking-up is effected within Italy.

QUININE MANUFACTURE IN MADRAS.—According to the latest administration report of the Madras Government (Cinchona Department), a survey of the Madras plantations discloses that, unless immature blocks are harvested, the provincial quinine factory will not be able to produce more than 10,000 to 12,000 lb. of quinine for about five years from 1933, and recent inquiries from private planters point to a negligible quantity of bark likely to come on the market. Referring to "Totaquina" (a preparation of cinchona alkaloids), the report states that it may well be that Totaquina inaugurates a new era in the suppression of malaria. The reception of this new drug by the medical profession will be watched with interest, and in the meantime arrangements are being made for a trial consignment which will be placed at the disposal of the medical authorities for experiment.

LEVANT FAIR.—At the closing ceremony of May 7, the Mayor of Tel Aviv (Mr. Dizengoff) stated that 285,000 people had visited the Fair (described on p. 554 of our issue of May 21), including about 10,000 tourists, most of whom came from Egypt, Syria and Cyprus. This was more than double the attendance at the previous Fair three years ago, and business to the value of £P. 175,000 was done as compared with £P. 80,000 in 1929. In the list of awards the Shemen Co. was awarded the gold medal for toilet soaps. For perfumes the Aviva products secured the gold medal, while the silver medal went to Gi Vi Emme of Milan. In the essential oil section silver medals were obtained by Cyprus and by Fratelli Maraschi. D. & W. Gibbs, Ltd., secured the gold medal for tooth-paste and shaving soaps, the silver medal in this section going to S. Silber of Jaffa. Gold medals were awarded to Imperial Chemical Industries, Ltd., and to the Deutsches Kalisyndikat for fertilisers, and a silver medal in the same section to the Union Chimique Belge.

PORTUGUESE INCREASED CUSTOMS DUTIES, ETC. — A decree has been issued by the Portuguese Government, dated February 26, imposing increases in import duties and the establishment of a system of import quotas. The chief points in the decree are as follows:—

To fix the quantities of specified classes of goods that may be imported from foreign countries during fixed periods.

To make provisional commercial agreements with foreign countries for the application of "minimum" tariff duties, denouncing existing commercial treaties, conventions, etc., where this course is necessary.

An additional tax of 20 per cent. of the Customs duties on goods imported into Portugal and the adjacent islands is established. The Government may increase this additional tax up to 100 per cent., or reduce it to 5 per cent. in respect of specified raw materials, machinery and apparatus for industrial use. The fees collected for import clearance notes (*bilhetes de despacho*) prescribed in articles 8, 9 and 16 of Decree 9484 of March, 1924, are doubled. [These fees were slightly over 3 per mil of the value of dutiable goods, and slightly over 2 per mil in the case of duty-free goods.]

BURMESE INDIGENOUS MEDICINE.—The Government of Burma appointed, in 1928, a committee to inquire into the indigenous systems of medicine. Their report, now available, points out that Burmese indigenous medicine can be traced to Indian origin based on the Ayurvedic science of medicine. The system has suffered decay in the course of ages, but the question arose whether the systems prevalent deserved to be standardised and rationalised, or whether they were to be completely discarded and replaced by Western medicine. The Committee have recommended that a Burmese Medical Council should be formed, whose duty it would be to prescribe the course of studies for examinations, to open and supervise Burmese medical schools, to conduct examinations and to arrange for research work, as well as to carry out medical registration of the indigenous practitioners. For this purpose they have suggested also a list of books to be studied. Western medical aid on a large scale is out of the question, and the only possible alternative is that the indigenous system of medicine should be renewed and revived and institutions for practical training should be started on purely Oriental lines. It is understood that a proposal is on foot to produce a translation into Burmese of old Sanskrit Ayurvedic works of Charaka and Sushruta Samhitas as a foundation for study.

American Notes

DR. J. G. DAVIDSON has been elected vice-president of the Carbide & Carbon Chemicals Corporation.

EXPORTS of ginseng to Hongkong decreased from 191,000 lb. in 1929 to 147,400 lb. in 1930.

MURAL PAINTINGS AT PHILADELPHIA COLLEGE. — Two murals continuing the series of paintings depicting the progress of pharmacy through the ages were unveiled and dedicated at the Philadelphia College of Pharmacy and Science recently. One of the murals was presented by E. R. Squibb & Sons in memory of Dr. Edward R. Squibb. Another mural in the series was unveiled and dedicated at the same time as a gift of the 1931 graduating class. With the unveiling of these two murals the Philadelphia College foyer now contains four of the projected series of six. The first two of the mural paintings in the series were presented by Dean and Mrs. Charles H. LaWall, both graduates of the Phladelphia College.

INTER-AMERICAN PHARMACEUTICAL CONVENTION.—The Inter-American Pharmaceutical Convention is fixed for August 22-27 at Toronto. The American Pharmaceutical Association has met on two previous occasions in Canada, in 1877 and 1896. The Toronto pharmacists have selected a strong Convention Committee, of which the following are the principal officers:—General Chairman, C. P. Playter, 1340 Queen Street West, Toronto; Secretary, F. A. Jacobs, 579 Gerrard Street East, Toronto; Treasurer, F. C. Fielding, 2452 Danforth Avenue, Toronto; Local Secretary, Dr. R. B. J. Stanbury, 43 Victoria Street, Toronto 2. An interesting programme of scientific and other events has been arranged. A list of hotels and other information may be obtained on application to Dr. R. B. J. Stanbury at the address given.

South African Pharmaceutical Conference

THE ninth annual conference of the Associated Pharmaceutical Societies of South Africa opened on March 29 at the City Hall, Pietermaritzburg. The delegates were:—*Transvaal:* Messrs. H. L. Karnovsky, J. S. Ferguson, S. D. Smith, J. Tannenbaum, B. A. Jacobson, W. Last (secretary); *Natal:* Messrs. H. R. Hudson (president of the Associated Societies), D. B. S. Anderson, F. W. Grose, S. Whysall and D. Adams. *Pietermaritzburg and Northern Natal:* Messrs. W. B. Marshall and G. Valentine; *Cape:* Messrs. M. W. Clancy, A. Purnell and R. Mellon; *Port Elizabeth:* Messrs. D. M. Jamieson, G. Bacon and R. S. Lowden; *Eastern District:* Messrs. J. G. Batting and H. J. McJannett; *Orange Free State:* Messrs. A. Reichenberg and W. Prophet: *Kimberley:* Mr. J. A. Robinson. Most of the delegates arrived in the Natal capital during the week-end, and a meeting of the Executive Council was held at the Imperial Hotel on Monday, March 28. During the afternoon the visitors were taken to Howick Falls and other beauty spots near the city. On Monday evening a preliminary meeting of the Conference was held, when two lectures were given. The first, by Mr. H. R. Hudson, Ph.C., dealt with "Important Changes in the New British Pharmacopœia." The second, given by Mr. A. S. Canham, F.R.C.V.S., principal of the Pietermaritzburg Veterinary Laboratory, was on "Drugs and Their Use in Veterinary Practice in South Africa."

Amendment of the Pharmacy Act

At the meeting on March 29 it was reported that some months ago the Executive were granted an interview with the Minister of Health, at which proposed amendments to the Medical, Dental and Pharmacy Act were suggested. The Minister had received the deputation sympathetically, and was prepared under certain circumstances to consider the amendments favourably. The Conference discussed possible suggestions which would meet the Minister's requirements in respect of giving guarantees for any concessions that may be made. The Conference was of opinion that the protection afforded by the present Act was quite inadequate, and that the profession was entitled to what might be termed a monopoly in handling the drugs and medicines, for which duty they are specially trained. It was pointed out that Natal pharmacists under the old Act had enjoyed this privilege and that the public welfare had in no way been affected, but if anything, public safety in the misuse of drugs which while not being poisons in the legal sense were nevertheless dangerous, had been safeguarded, and that the monopoly created had been handled by the chemists in a fair, just and honourable manner. It was strongly advocated that the Government should be urged to amend the Act to bring it into line with the old Natal Act. Unemployment and the overcrowding of the profession was another matter that came under discussion, and it was suggested that at the present rate at which apprentices are being taken on a serious position would arise in the near future. It was decided to urge the Pharmacy Board to take action in this matter, under the powers given in the Act, so that the number of apprentices being trained be limited.

The question of patent medicines licences was discussed, and a resolution was adopted for submission to the Minister of Finance.

A motion about doctors doing their own dispensing was dealt with at length, in view of the fact that the Executive had interviewed the Federal Council of the Medical Association in this connection. It was decided that this was a matter for legislation.

Dissatisfaction was expressed by the Conference at the lack of action by the police regarding infringements of the pharmacy sections of the Act by general dealers, and the hope was expressed that representations will result in more stringent action being taken in the near future.

In the evening the local branch of the Pharmaceutical Association entertained the delegates at a banquet at the Imperial Hotel.

The Conference was concluded on March 30, when among the matters discussed were the prevalent practice of doctors prescribing patent medicines; the assizing of scales; the sale of clinical thermometers of inferior quality by general dealers; and the employment of unqualified and unregistered dispensers in a number of public and private institutions.

The following officers were elected for the ensuing year:—*President,* Mr. D. M. Jamieson (Port Elizabeth); *Vice-Presidents,* Messrs. D. S. B. Anderson (Natal), A. Purnell (Capetown); *Treasurer,* Mr. J. S. Ferguson (Transvaal); *Trustees,* Messrs. S. D. Smith, H. L. Karnovsky; *Northern Executive,* Messrs. H. L. Karnovsky, J. S. Ferguson S. D. Smith, W. Prophet; *Southern Executive,* D. S. B. Anderson, M. W. Clancy, D. M. Jamieson and A. Purnell.

The Banquet

The banquet was held in the evening at the Imperial Hotel, Pietermaritzburg. Mr. H. R. Hudson, Durban, occupied the chair. Among those present were the Mayor of Pietermaritzburg (Mr. P. H. Taylor), Mr. W. J. O'Brien, M.P., and Mr. H. Frow, chairman of the Chamber of Commerce. Mr. W. Marshall proposed the toast of the "Guests," Mr. L. R. Tibbitt that of the "Associated Societies," and Mr. D. M. Jamieson that of the "Pietermaritzburg Society." Mr. Hudson, in the course of his speech, said that from a professional standpoint the chemist and druggist of to-day, who should be a person of infinitely higher intelligence and infinitely higher qualification than his predecessors of half a century ago, is denied practically the whole of the privileges and protection hitherto acknowledged to the profession. It is a deplorable fact that while the present-day pharmacist is forced by law to matriculate, serve an apprenticeship, take a course of prescribed studies at a recognised Technical College or University, and finally pass a stiff examination, he nevertheless finds that on receiving his qualifications any person, without any special training whatsoever, is allowed by law to perform 95 per cent. of the acts which should be under competent and qualified supervision, and for which the chemist and druggist has specifically trained himself. The competent control of poisons, so essential in the interests of public safety, is largely removed from his sphere. Strychnine in the guise of vermin destroyers, arsenic in the guise of sheep dip, and so on, can be sold by anyone, merely on the acquisition of a certificate, even if a chemist and druggist be in business next door. Drugs and medicines, the knowledge and dangers of which are undoubtedly a specialised qualification of the pharmacist, can with impunity be sold by any unqualified and incompetent vendor. It follows, therefore, especially in the country districts, where the dispensing of prescriptions is largely performed by the doctors who write them, that in order to eke out a bare existence the chemist is forced to sell almost any sort of sideline. In conclusion, Mr. Hudson said: "I should like to see this profession, rather than relinquish their professional status, make efforts not only to preserve it but to enhance and enlarge it. I would prefer the syllabus for the examination enlarged and extended. As a body we are willing and eager not only to maintain the present status of pharmacy but to increase its efficiency in every respect. It is not right therefore that unfair legislation should hamper pharmaceutical progress by denuding the calling of all prospects of a decent livelihood and giving to the unqualified rights and privileges which should belong to the competent."

Sale of Poisons Appeal

On May 24 a King's Bench Divisional Court, consisting of Justices Swift and Macnaghten, commenced the hearing of an appeal by the Council of the Pharmaceutical Society of Great Britain against a judgment of Judge Randolph at Aylesbury County Court, dismissing a claim for a penalty against Mr. Claud Philip Edward Fuller, chemist and druggist, Wendover, in respect to the sale of poisons at his shop by an unqualified person (*C. & D.*, January 23, p. 73). Sir Leslie Scott, K.C., and Mr. H. Glyn-Jones appeared for the Pharmaceutical Society. Mr. Fuller did not appear, and was not represented.

Sir Leslie Scott explained that the proceedings in the County Court were taken under Section 3 of the Poisons and Pharmacy Act, 1908. It was clear that by that Act and by Section 15 of the Pharmacy Act, 1868, a positive duty was imposed upon a registered chemist of conducting the business in the premises either himself or through a duly qualified chemist. The facts were that the defendant had a pharmacy at Wendover. Whilst having a shop there, he also did dental work at the R.A.F. camp at Halton, about a mile away. He worked at the camp for about forty-two hours a week, and whilst he was away he had a girl in the shop conducting the business. She sold, in this case, lysol and chlorodyne whilst the registered chemist was at the camp. The question was whether, whilst the defendant was performing dental work at Halton Camp, he was *bona-fide* conducting the business carried on by him as a chemist at Wendover. *Prima facie* he was not conducting the business within the meaning of the Section, but there was a previous decision of a Divisional Court in the way. The Pharmaceutical Society, to whom the administration of the Acts had been entrusted by Parliament, felt it their duty to raise the question in the present case, and it might well be that the matter would be carried further.

Sir Leslie went on to deal with the hearing at the County Court. The defendant, in his address there, said that his chemist's business was a small one, and consisted mainly of the sale of toilet articles. He had one assistant, who had instructions not to sell any poisons, and if any article which was, or contained, a scheduled poison, was asked for in the defendant's absence, the assistant's duty was to take the order, which the defendant would pack up and send out when he returned. The defendant said he did all the dispensing himself, and his work at Halton did not interfere with his work at Wendover. Any sales of poison made by his assistant were in breach of his orders. Sir Leslie Scott quoted previous actions relating to the sale of poisons by unqualified persons, and observed that in 1931 there was an action concerning the sale of poisons from an automatic machine, in which judgment was given for the chemist. Judge Randolph referred to that case in his judgment.

Mr. Justice Swift: Now, Sir Leslie, you want us to dismiss this appeal, obviously. His lordship added that a man did not cease to be conducting a business because he was absent for half an hour, having lunch, or something of that kind; but if a man went away for six hours a day one might say he was not looking after his business in that time. It was a matter of degree.

Sir Leslie observed that in the case of the automatic machine, which was available when the chemist's shop was shut, the decision of the Divisional Court implied that for practical purposes the words "conducting the business" meant not much more than "carrying it on." He submitted that there was a definite obligation upon the registered chemist to conduct the business himself.

Mr. Justice Swift: Do you regard the Section as being rather on the nature of a trade union for the protection of chemists than for the protection of the public? Sir Leslie Scott: No, very much not.

Mr. Justice Swift: If an unqualified person is not to be allowed to hand out poisons, why are automatic machines to be allowed to hand them out? Sir Leslie Scott: In my respectful submission that is the true view of the Act. Counsel added that an unqualified assistant who handed out a poison could be prosecuted and convicted, but an automatic machine could not have been convicted. It was essential to show that the employer was not conducting the business within the meaning of the Section, and in that matter the previous decision of the Divisional Court was in the way.

When the hearing of the appeal was resumed on May 25, Mr. Justice Swift remarked to Sir Leslie Scott: "What is troubling me is your difficulty—that supposing your argument prevails you are no better off." Sir Leslie agreed that the Society was anxious to test the Watkinson decision in the Court of Appeal.

Mr. Justice Swift: You cannot go to the Court of Appeal unless we dismiss your appeal here. If we allow your appeal, you are no better off. Sir Leslie Scott said that it was very difficult to see any other interpretation of the Watkinson decision than the one that Judge Randolph had placed upon it. It appeared that he had conformed to an interpretation which was correct, and counsel must have the appeal dismissed. If the interpretation was correct, the Court was bound by it.

Judgment

Mr. Justice Swift said that the appeal would be dismissed with costs. The Court need make no comment upon the Watkinson decision, whether they agreed with it or not. Although it was not binding upon them, the Court thought it better to say nothing about it. His lordship added that there would literally be no costs, as although Mr. Fuller was winning the appeal he was not present. Mr. Justice Macnaghten agreed.

Sir Leslie Scott said that the Society felt they were acting in performance of a public duty in raising the question; they had no wish, in any event, to get any costs in the Court of Appeal. "It is desirable that it should be known that the Society test matters of this kind, not at the expense of an individual, but at their own expense," he added. The Court granted leave to appeal further.

New Books

Harden, A.—*Alcoholic Fermentation.* 8½ in. by 6 in. Pp. 243. 15s. Longmans, Green & Co., Ltd., 39 Paternoster Row, London, E.C.4. [The fourth edition of a text-book originally published in 1911. The author points out that much work on the subject has appeared since the third edition was issued.]

Armstrong, E. F., and Armstrong, K. F.—*The Glycosides.* 9½ in. by 6 in. Pp. 123. 12s. 6d. Longmans, Green & Co., Ltd., 39 Paternoster Row, London, E.C.4. [A valuable *résumé* of recent work in an attractive field. The subject-matter is divided into chapters dealing with such groupings as "Glycosides of the Soluble Plant Pigments" and "Glycosides with Physiological Action." The authors prefer to retain the older nomenclature ending in "in" to the proposed substitution of names ending in "oside"—e.g., "asperulin" rather than "asperuloside."]

Tinkler, C. K., and Masters, Helen.—*Applied Chemistry: Vol. II, Foods.* Second edition. 8½ in. by 5¼ in. Pp. 284. 15s. Crosby, Lockwood & Son, Stationers' Hall Court, London, E.C.4. [The first edition of this book was published shortly before the Regulations on preservatives in food were issued in 1925. The new edition has been brought up to date in this respect, a section on reconstituted cream has been inserted, and a few other changes have been carried out. Chemists in business will find this an excellent account of foods and beverages from an analytical standpoint, the field being well covered.]

Legal Reports

Medical Act, 1858.—In the King's Bench Division of the High Court, London, on May 11, a Court consisting of the Lord Chief Justice and Justices Avory and Macnaghten heard an appeal by Mr. F. D. Whitwell against a police-court decision (*C. & D.*, 1931, II, 696) dismissing a charge of falsely using titles, contrary to the Medical Act, 1858, against Mr. Albert Edward Shakesby, who had described himself as "D.O.(Lond.), Bonesetter, Osteopathic Physician and Surgeon." The respondent was not a registered medical practitioner. It was contended on his behalf that the words "bonesetter" and "osteopathic" so qualified the titles "physician and surgeon" as not to imply that Mr. Shakesby was registered under the Act; that Mr. Shakesby honestly believed that he was entitled to describe himself as he did; and that, even if he were wrong in that belief, no offence had been committed in that there was no wilful and false pretence. The Lord Chief Justice held that the respondent had described himself not merely as a bonesetter but also as a physician and surgeon. The other lords justices concurred, and the case was remitted to the magistrate for conviction. The defendant was fined £10, with £10 10s. costs, at Marylebone Police Court on May 25.

Injunctions on Agreed Terms. — In the Chancery Division of the High Court, London, on May 24, before Mr. Justice Maugham, the four actions of Beecham's Pills, Ltd., v. Melias, Ltd., Veno Drug Co. (1925), Ltd., v. Melias, Ltd., Beecham's Pills, Ltd., v. Walfox, Ltd., and Veno Drug Co. (1925), Ltd., v. Walfox, Ltd. (*C. & D.*, May 14, p. 528), were disposed of on motion. A motion in the case of Irving's Yeast Vite, Ltd., v. Partons, Ltd., was allowed to stand over until May 27. Sir Leslie Scott, K.C., stated that in the action of Beecham's Pills, Ltd., v. Melias, Ltd., he appeared for the plaintiff company. The defendants had consented to treat the motion as the trial of the action, and submit to injunctions restraining them from infringing the plaintiffs' trade marks, "Beecham's Pills," with the details of the registered marks; from issuing or distributing printed matter calculated to pass off their goods as and for those of the plaintiffs; and from displaying, issuing or using a certain leaflet or any showcard, poster, advertisement or literature reproducing the same. There would be an inquiry as to damages and delivering up or destruction on oath of all advertisements, leaflets or printed matter, the use of which would be a breach of the injunctions. The defendants would pay the taxed costs of the action, and the costs of the inquiry would be reserved. In the other action against Melias, Ltd., by the Veno Drug Co., there would be a similar order.

Later in the day Sir Leslie Scott announced that the two actions against Walfox, Ltd., had been settled. In the case of the Veno Drug Co. v. Walfox, Ltd., counsel said that the motion would be treated as the trial of the action, the defendants by their counsel undertaking forthwith to cease to display or issue to the public or to the defendants' wholesalers or retailers or servants a certain leaflet, or any showcard, poster, advertisement or literature reproducing the same, and to abstain in future from using the names "Cassell's Tablets," "Veno's Lightning Cough Cure," or "Germolene," except in connection with the sale of the plaintiffs' goods. There would be an order for delivering up or destruction on oath of any literature in the possession of the defendants the use of which would be a breach of the undertakings. "The plaintiffs," added Sir Leslie Scott, "withdraw any charge of dishonesty against the defendants, who will pay the taxed costs of the action, and £50 as damages." As regarded the action of Beecham's Pills, Ltd., against Walfox, Ltd., Sir Leslie Scott said there would be an order in the same terms except that in that case there was no payment of damages. Mr. Justice Maugham said he would make orders in the terms agreed.

New Companies
and Company News

P.C. means Private Company and R.O. Registered Office.

North of England Medical Agency, Ltd. (P.C.).—Capital £100. Objects: To carry on the business of medical, dental, pharmaceutical and insurance agents and brokers, valuers, debt collectors, etc. R.O.: 14 Dale Street, Liverpool.

British Nitrolac Co., Ltd. (P.C.).—Capital £4,000. Objects: To carry on the business of manufacturers of and dealers in varnishes, paints, enamels, distempers, fine colours and chemicals, manufacturers of nitro-cellulose lacquers, etc. R.O.: Princes Road, Merton, Surrey.

Hunts Charcoal, Ltd. (P.C.).—Capital £5,000. Objects: To carry on the business of producers and distributors of charcoal and charcoal products, manufacturers of linseed, cotton and other cakes, oil extractors, artificial manures and fertilisers, etc. Solicitor: W. Ellis, 19-20 West Smithfield, London, E.C.1.

Perfumery Box Manufacturing Co., Ltd. (P.C.).—Capital £1,500. Objects: To adopt an agreement with Desmarais, of Paris, and to carry on the business of manufacturers of perfumery and scents, perfumes and toilet requisites, chemists or druggists, etc. Solicitors: Denton, Nall & Burgin, 3 Gray's Inn Place, W.C.1.

Associated Fumigators, Ltd. (P.C.).—Capital £1,000. Objects: To carry on business as fumigators, exterminators and destroyers of vermin in or upon ships or other vessels, warehouses and buildings, manufacturers, sellers and suppliers of poison gas, chemical and other preparations, etc. Solicitors: Walter Martin & Co., 8 New Court, Lincoln's Inn, W.C.2.

Rugo Products, Ltd. (P.C.).—Capital £150. Objects: To acquire the sole and inclusive right to the use of a secret formula for the manufacture of certain medical products, together with the right, title and interest in the trade mark "Rugo," No. 431,433, relating to medicinal preparations for human use, registered November 10, 1932, in the name of A. H. Perry

Supplementary Manufacturers, Ltd.—A company limited by guarantee, without share capital, with twenty-five members, each liable for not more than £50 in the event of winding up. Objects: To seek out, negotiate for and procure manufacturing rights of any patented or specialised article or process in any part of the world, on a royalty basis or otherwise. Secretary: G. L. Logan.

British Association of Hygiene, Ltd. (P.C.).—Capital £1,000. Objects: To adopt agreements (1) with V. R. Ullman, Florence E. Day and C. H. Bizzell, trading as the Hygiephone Co., and (2) with V. R. Ullman, and to carry on the business of the Hygiephone Co., carried on at Aldwych House, Aldwych, W.C., and to carry on the business of manufacturers of and dealers in disinfectants, cleansers, deodorisers, etc.

The Wycombe Drug Co., Ltd.—At a meeting held recently at High Wycombe, it was resolved that this company be wound up voluntarily. Mr. A. G. White, 73 Cheapside, London, E.C.2, was appointed liquidator.

B. Laporte, Ltd.—Profit for year ended March 31 was £32,278, compared with £35,242 for the previous year. Dividend on ordinary shares at the rate of 10 per cent.; to reserve fund, £2,000; to investments reserve, £2,500; to write off patents, £1,000; to tax suspense, £4,000; and carried forward, £12,655.

Companies which may be dissolved.—Notice has been given in "The London Gazette" that the undermentioned companies will, unless cause is shown to the contrary, be struck off the Register and the companies dissolved three months after March 4:—Anglo-Overseas Chemical Corporation, Ltd.; East Anglian Chemical Co., Ltd.

Voluntary Liquidation

Laneta Products, Ltd., Audrey House, Ely Place, London, E.C., toilet preparation manufacturers, etc.—The creditors interested herein were called together at the offices of Messrs. Cole, Dickin & Hills, 18 Essex Street, Strand, London, W.C.2, when according to the statement of affairs presented, there were liabilities to unsecured creditors of £3,298 18s. 5d., and an amount of £3,315 13s. 10d. was due to associated companies. In addition, there was a fully secured creditor for £13, who held securities valued at £98 13s. 7d. The total liabilities were £6,614 12s. 3d. The assets consisted of goods on sale or return estimated to produce £100; sundry debtors £19, and surplus from fully secured creditor £85 13s. 7d., making a total of £204 13s. 7d., with a deficiency of £6,409 18s. 8d. The issued capital of the company was £360, so that there was a total deficiency of £6,769 18s. 8d. It was reported that the company was incorporated on April 28, 1930, to carry on the business of toilet preparation manufacturers and suppliers of hair wavers. On April 4, 1932, an agreement was entered into by which the stock of the company as well as other stock was sold for £7,500. Of that amount £2,315 was allocated to the company and the balance to two other companies. Two of the directors of the company were also allotted 7,500 fully paid shares in a new company, and it was proposed that the two directors' shares should be held in trust and that any dividends which might accrue on the shares from time to time should be set aside for the benefit of the creditors of Laneta Products, Ltd. The cash received by the company was allocated to the bank and to pressing creditors. A resolution was passed confirming the appointment of Mr. S. Cole as liquidator, and a committee of inspection was also nominated.

Business Changes

Miss I. R. Russell, chemist and druggist, is opening new premises in Frinton Road, Kirby Cross.

Timothy Whites (1928), Ltd., have opened a new branch at 125-127 High Street, Gillingham, Kent.

Mr. Wood, chemist and druggist, has purchased the business of the late Mr. D. McDougal, chemist and druggist, Elie.

Miss Morrison, chemist and druggist, has acquired the business of Mr. A. G. Adamson, chemist and druggist, Kinghorn.

Ingram & Royle, Ltd., importers and exporters of mineral waters, are removing their Bristol branch from Bath Bridge to 26 Redcliffe Street on June 1.

Price, Stutfield & Co., Ltd., chemical merchants, are removing on June 1 from 6 Fenchurch Buildings, E.C.3, to larger offices at Dominion House, 110 Fenchurch Street, London, E.C.3. The telegraphic address and telephone number will remain the same.

The Anglo-French Drug Co., Ltd., are removing on June 1 from 238A Gray's Inn Road, London, W.C.1, to 11 and 12 Guilford Street, W.C.1. Telephone: Holborn 6011. The address of the associated company, Modern Pharmacals, Ltd., will at that date be changed from 2 Calthorpe Street to 12 Guilford Street, London, W.C.1.

Gazette

Bankruptcy Acts

Receiving Order and Adjudication

Metz, P., 59 New Bond Street, London, chemists' sundriesman.

Insurance Act Dispensing

Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Local Reports

ENGLAND AND WALES

Lancashire.—The tenth annual report of the Prescription Pricing Bureau of Lancashire Insurance Committee for 1931 states, *inter alia*, that during the year it was necessary to return 2,460 prescriptions to chemists. The principal reasons were as follows:—Proper to another area, 581; formula required, 521; maker's name and cost, 418; quantity and quality not stated, 154. Disallowed articles included ball syringe, Benedict's solution, breast pump, brandy, camel-hair brushes, capsicum wool, chamois leather pad, chiropody felt, ear syringes, elastic anklets, elastic knee caps, elastic stockings, eye shades, Fehling's solution (not for insulin user), finger stalls, gelatin zinc bandages, glass syringes, hypodermic syringe for use with adrenalin, liq. cresol sap. (general disinfectant), lysol (general disinfectant), medicine dropper, Mulford's acidophilus bacilli blocks, muslin, nasal douche, needles for adrenalin, needles for varicose injection, nutrient suppositories, Ovaltine, peptonising powders, pipette, pneumonia jacket, "Sanitas" (general disinfectant), Soluga, Sanatogen, test tube, Thermogene, throat spray, truss, urethral syringes, vulvar pads, wrist strap, wires for hypodermic needles.

Lincoln. — At a recent meeting of the Lincoln City Insurance Committee the Pharmaceutical Service Subcommittee, who had investigated cases of alleged unsatisfactory and inaccurate dispensing, recommended that in one instance a chemist be severely reprimanded, and in another case, which was of a more serious nature, that £1 be withheld from the chemist's remuneration.

Middlesex.—At a meeting of the Middlesex Pharmaceutical Committee, held recently, the secretary reported the result of investigation of a complaint about lack of facilities for the dispensing of urgent prescriptions in the Willesden district. It was found that there was no justification for the complaint. Additions to the Schedule of Appliances had been notified by the Ministry of Health, and it was also explained in the circular that when any drug or medicine of which there is a proprietary brand as well as the non-proprietary variety is ordered in a prescription, the proprietary brand should not be supplied unless it is clearly specified by the prescriber. In a letter received from the R.P.U., it was stated that there was a surplus for the year 1931 of £196,275, and that £191,360 of this would be available for distribution to chemists; also that payments on account would be at the rate of 85 per cent. for the first six months of 1932. The supervisor's report included the following particulars:—

	1930	1931
No. of prescriptions	2,073,450	2,255,588
Ingredient cost	£31,499 9s. 0d.	£33,055 2s. 8d.
Dispensing fees	£37,745 10s. 8d.	£41,575 5s. 3d.
Average ingredient cost ..	3.6d.	3.5d.
Average dispensing fee ..	4.4d.	4.4d.
No. of insured persons.. ..	550,534	587,753 (approx.)
Average per insured person ..	30.2d.	30.5d. (approx.)

Walsall.—At a recent meeting of the Walsall Insurance Committe, a report was presented by the Pharmaceutical Service Subcommittee respecting test prescriptions of mist. buchu et hyoscyami alk. obtained from two local chemists. In both cases the analysis was stated to have shown that chloroform water could not have been used in the preparation of the medicine. One of the chemists pleaded a lapse of memory, possibly due to strain; the other chemist pleaded an accidental omission, stating that owing to ill health he had been unable to take an active part in his business for the past four years, but was engaged in it at the time the test prescription was taken. The chairman said the Subcommittee considered the mistakes were absolutely unavoidable, and they accepted the chemists' explanations in their entirety. The recommendation was approved without dissent.

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council was held on May 20 in the Society's rooms, Belfast, the president (Mr. J. E. Connor) in the chair. There were present also Messrs. R. I. Edwards (vice-president), W. J. Hardy, H. Todd, S. S. Badger, Fred Storey, S. Gibson, James Dundee, Sir Thomas McMullan, Messrs. J. C. Culbert, J. F. Grimes, S. H. Forrest, G. W. P. McCann, Professor Small and Dr. Acheson. Mr. D. Kirkpatrick (secretary) was in attendance.

ASSISTANTS' EXAMINATION

The Ministry of Home Affairs wrote approving of the new regulations regarding the assistants' examination under the Pharmacy and Poisons Act, 1925. The Regulations had been presented to Parliament.

The following are the Regulations:—

1. That Appendix B. of the Regulations be amended by deleting the words from "pharmacy" to "families" and substituting the following:—

Botany—As specified in the Syllabus for Part I in Appendix E.

Pharmacy and Practical Pharmacy.—As specified in the Syllabus for Part II in Appendix E.

Pharmacognosy.—As specified in the Syllabus for Part II in Appendix E; provided that an oral examination may be given on the practical side of this subject.

2. That Regulation 65 be amended by adding thereto—

Provided that candidates who have been granted the certificate of Part I of the Examination under Schedule 2, Part IV, may enter for the Assistants' Examination under Schedule 2, Part V, without a further examination in botany, provided they have complied with the other provisions of Schedule 2, Part V, and provided also that candidates who have entered for the certificate for Part II of the Examination under Schedule 2, Part IV, and who have failed to obtain this certificate may be granted the Certificate of Assistant to a Pharmaceutical Chemist if they have satisfied the examiners in pharmacy, practical pharmacy and theoretical pharmacognosy, and have previously given notice to the secretary of their intention to enter for the Examination for the Certificate of Assistant and have lodged with such notice a fee of £1 1s.

THE JUNE EXAMINATIONS

The Education Committee reported that the following entries for the examinations in June had been received:—Schedule 2, Part 1, modified, 35; Part 2, modified, 5; Part IV (Part 1) (P.S.), 46; Part II (Final), 28; total, 114. Schedule 2, Part 1 (M), 12, new 23, re-entering 23; Part II, 1 new, 4 re-entering; Part IV (Part 1), 22 new, 24 re-entering; Part IV, Part 11, 7 new, 21 re-entering; total, 114.

The PRESIDENT said there was no lack of students coming forward.

Mr. TODD said there were 114 candidates altogether. Forty of them were for the modified examination, the last examination of that class. The report was adopted.

CERTIFICATES DISCUSSED

Mr. DUNDEE expressed the opinion that the College of Surgeons' certificate should be put on the same footing as the Junior Grade certificate. They should demand the marks.

Mr. GIBSON said there was something wrong if students went to Dublin instead of taking their own examination.

Mr. DUNDEE said one reason was that boys leaving a public elementary school could not take the Junior Grade certificate, as they were not taking the secondary course.

Mr. TODD suggested dropping the College of Surgeons' certificate.

The SECRETARY said they only got the straight certificate from the College of Surgeons.

Professor SMALL said he would be glad to see the College of Surgeons off the list.

Mr. TODD said the Regulations of the Society were at fault.

After further discussion the matter was referred to the Education Committee.

Pharmaceutical Society's Annual Meeting

By "Senex"

THE record of the proceedings at the annual meeting of the Pharmaceutical Society provokes the question as to whether the members of the Council are really satisfied with such an exhibition of futility. In the present circumstances they are themselves chiefly to blame, because the sap which should feed the meeting is drained away previously at the meetings of delegates for which they have so strange a liking. This predilection for the assemblies of delegates is quite understandable. The indifference shown by the members towards the whole of the activities of the Council is so clearly exhibited in the small proportion of voting papers returned at the election. From these figures one cheering conclusion can be drawn; now there is some hope that a certain group of individuals may see their way to abridge their discordant enterprise. But to return to the annual meeting—it would be well if some means could be devised to give at least an air of reality to its proceedings. These are amusing, it is true, but that is not sufficient to encourage one to take a long train journey, although Mr. J. H. Robinson is good enough to undergo the torment. His performance, however, is never depressing; in fact, it is enjoyable and begets a feeling of wonder. It reminds one of that most powerful steam hammer which, when descending with portentous force, is so nicely regulated that it does not smash the delicate lady's watch laid upon the anvil. One looks round the meeting at the close, gives a gasp and ejaculates: "Is this all?"

Association Meetings

Cardiff.—A meeting of the Cardiff Association and Branch was held on May 12, Mr. R. Robinson (president) in the chair. The delegates appointed for the conference held in London on April 26 (Messrs. R. Robinson, J. Lee Jones and A. J. Harris) gave a report of the proceedings. They were thanked for their services. A discussion arose as to support being recommended to any of the candidates for the Council election. It was suggested that support be given to those who were strictly acting as retail pharmacists in business, having no wholesale business supplying any shopkeepers who were not *bona-fide* pharmacists.

Kent (W.).—At the annual meeting of the West Kent Pharmacists' Association, Mr. Allan Bone (who occupied the chair 1924-25) was unanimously elected *President* for the ensuing session. Mr. E. G. Price (another past-president) became *Vice-President;* Mr. C. G. Pinchen retained his office as *Treasurer,* with Messrs. Pring and Davenport as *Joint Secretaries.* The retiring president (Mr. C. R. Stanyon) was thanked for his services.

London (S.-W.).—The South-West London Chemists' Association and Branch held their annual meeting on May 20. The secretaries' and treasurer's reports were adopted. The launching of the S.-W. Metropolitan Branch employment agency was announced, communications dealing with this to be sent to Mr. T. James, 385 Durnsford Road, Wimbledon Park, S.W.19. The scrutineers' report showed that the Council for the new session 1932-33 would be Miss Borrowman, Miss Muers, Mrs. Freke, Messrs. Browne, Edgecombe, Hope-Evans, Garden, Inglis, James, Jones, Loxley, Monaghan, Shakerley, Tibbett, Wells, Woodnoth.

The Chemists' Exhibition

London, May 23—27

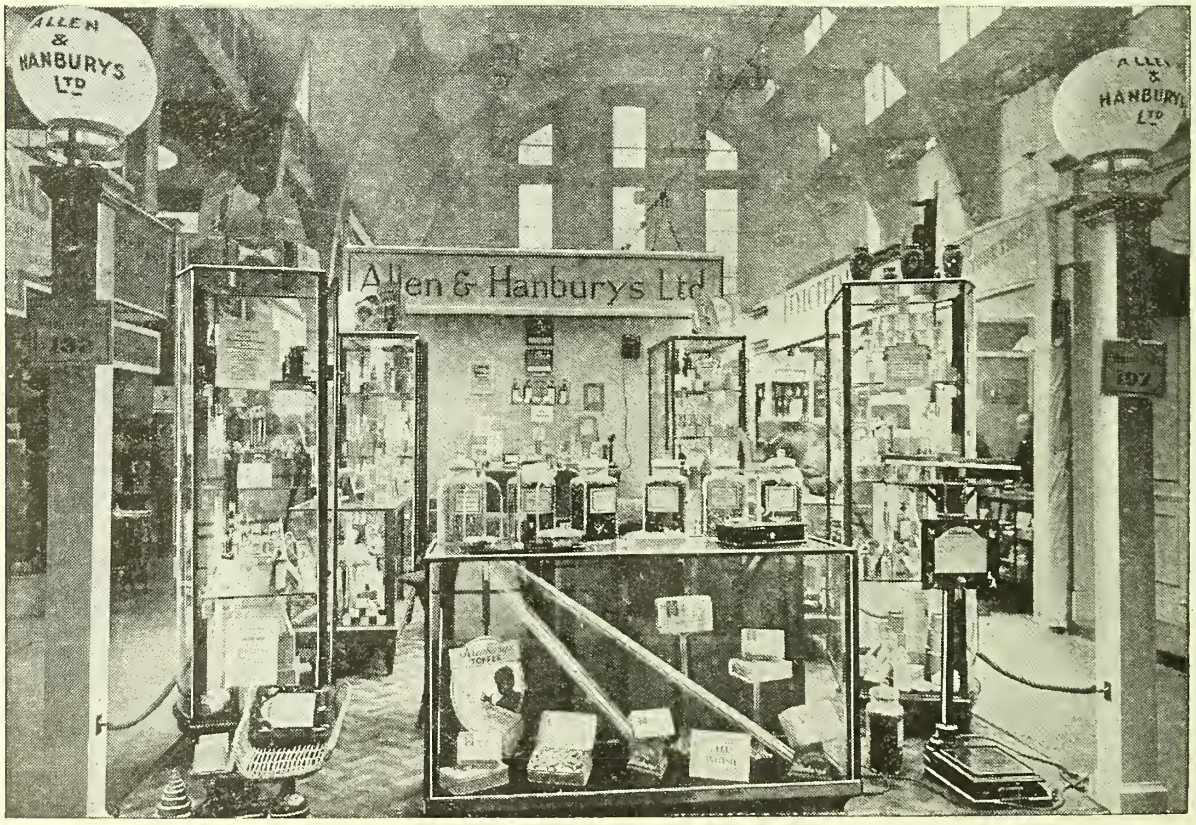
THE fortieth exhibition organised by "The British and Colonial Pharmacist" was opened at the New Hall of the Royal Horticultural Society, Westminster, London, S.W.1, by the president of the Pharmaceutical Society of Great Britain. Mr. A. C. Merrin, editor of "The British and Colonial Pharmacist," who presided, said that Mr. Melhuish was too well known to require introduction. The president of the Pharmaceutical Society declared the exhibition open. Mr. A. A. Dick, president of the Scottish Pharmaceutical Federation, proposed a vote of thanks to Mr. Melhuish. Mr. J. E. Connor, president of the Pharmaceutical Society of Northern Ireland, seconded, and Mr. Fred Storey, president of the Chemists' and Druggists' Society of Ireland and past-president of the Pharmaceutical Society of Northern Ireland, supported. The vote was carried with acclamation.

About 100 prominent British and overseas pharmacists were present at the opening luncheon. "Success to the Chemists' Exhibition" was proposed by Mr. Herbert Skinner, chairman of the British Pharmaceutical Conference. Mr. A. C. Merrin, who was in the chair, replied. The health of "The President of the Pharmaceutical Society of Great Britain" was proposed by Mr. F. D. Phillips, chairman of the Retail Pharmacists' Union Executive. The president responded. "The Overseas Visitors" was proposed by Mr. H. E. Chapman, secretary of the Proprietary Articles Trades Association, replies coming from Miss Mavis Castle, Ph.C. (Wellington, New Zealand), and Mr. Ivor Parrish, a British pharmacist from the Straits Settlements. Mr. Chapman also mentioned the presence of Mr. Homer S. Fox, the U.S. commercial attaché, and his colleague, Mr. Roger Townsend.

In the following paragraphs we give our impressions of the principal stands.

Chemicals, Drugs and Proprietaries

ALLEN & HANBURYS, LTD., have this year divided their exhibit into three sections, dealing respectively with dietetic and medicinal specialities, Torch brand packed products, and Plough brand veterinary and agricultural lines. Among the recent additions to the company's specialities are Allenburys toffee, diabetic rusks and breakfast food, Allenburys dextrin-maltose with its various combinations, Eulaxase and digitalin granules. The popularity of the Torch series is evidenced by the extending list of items which it includes, and among the newer lines which should be in demand during the coming months are corn solvent, anti-moth, photo mountant, small liver pills and Easton's syrup. The Diabetic Breakfast Food may be taken with or without milk, either dry or softened by soaking overnight in water. The approximate analysis is: carbohydrate, 27 per cent.; protein, 54 per cent.; fat, 9 per cent.; giving a calorific value per ounce of 110. It is issued in tins containing 1 lb. Another new product is Allenburys Sedative Broth Tablets, containing 17 gr. of sodium bromide in combination with meat and vegetable extracts. They are supplied in tins of 10, 50 and 500 tablets. The company has just issued a new (third) edition of



their "Medicamenta Recentia," which chemists will find a useful reference book, and a copy may be obtained on application. The section dealing with specialities has been brought up to date, a section on poisoning and its treatment has been introduced, and a comprehensive general index has been added.

HUNTER BEATTIE shows a selection of the well-known H.B.T. products, including aseptic toilet soap, shaving soap, skin food cream, vanishing cream, dental cream and flu' pills. All these products are of the high quality associated with the H.B.T. name, and are attractively packed for sale.

BRISTOL-MYERS CO., LTD., show Sal Hepatica (Canadian), Ipana tooth-paste (made in England) and Ingram's shaving cream (made in England). The trade discounts on these products are attractive.

BURGOYNE, BURBIDGES & CO., LTD., have a striking display of a large range of pharmaceutical and toilet products. The Spartan series of mixtures, each bottle wrapped in cellophane, impress by their clear labelling and general excellence of finish. These are put up principally in 6-oz. and 8-oz. sizes, and our attention was drawn to the fact that chemists' own formulas are similarly prepared in quantities of six dozen and upwards. Several classes of toilet preparations (Diana, Lotus and others) are of undeniable elegance and are offered at competitive prices. Among other items prominently featured are Zotalene, a British antiseptic for use in mouth washes and so forth; a peroxide tooth-powder in upright canisters with easy access to the contents; and Inhalene for catarrh. With these will be seen Burgoyne's Universal Fruit Saline, the Red Diamond series and surgical requisites of all kinds.

F. C. CALVERT & CO., LTD., have a compact display of their carbolic acid and carbolic preparations, so well known as hardly to need further comment. Lypene, put up in canisters, may be mentioned among the newer products on view.

CLAY & ABRAHAM, LTD., show a range of the Pen brand specialities, including the iodine pen, corn cure pen, chilblain pen, mosquito pen, ammonia application pen, cuticle pen and peroxide styptic pen. Ephedrol, a remedy for catarrh and hay fever, is supplied in 1-oz. patent bottles, which can be carried without fear of leakage and used in the same way as a spray or atomiser, by sniffing a small quantity up the nostril. The Marion Cran moth powder is also given a prominent place on the stand.

COW & GATE, LTD., have their usual interesting exhibit of such products as Cow & Gate infant foods, Peptalac, Cow & Gate chocolate milk, Cow & Gate rusks, and Cow & Gate feeders. Our attention was called to Sprulac, which is described as a specially prepared milk food for use in cases of sprue.

THE CROOKES LABORATORIES are showing a well-planned selection of Collosol products. Among the more striking of these we noticed Colloplasma, a British kaolin poultice prepared without extraneous moisture, and thus of full efficacy; Collosol Lactocalamine, an inseparable suspension of calamine prepared by the Crookes method; and Collosol Lactomagnesia, which, as its name indicates, is an antacid.

CUPAL, LTD., give prominence, among their large and varied display, to the Rayglo series of packed goods, a series comprising more than forty separate lines. The design and finish of these goods is quite distinctive, and they should win wide popularity. Other items on view include Diamond corn cure, Secto (insecticide) and Liquid Secto, and the Red Ring series.

A. MORGAN DAVIS & CO., LTD., have a stand devoted to the display of two interesting proprietaries originally sold for a lengthy period by the late Mr. T. Morgan Davis at his West End pharmacy. The first of these is Nasciodine brand of medicated massage cream, a combination of iodine with counter-irritants prepared with a basis of animal fat. On account of the rapid absorption of iodine obtained on rubbing it into a bruise or sprain, it is indicated in a wide range of troubles affecting athletes. The other preparation is Carlsburga brand of concentrated mineral water, an eliminant of waste products designed to replace spa treatment at home. Full particulars may be obtained at the stand or from the manufacturers.

J. C. ENO, LTD., have a composite exhibit showing, with a section for each, Eno's Fruit Salt, Pompeian Beauty Preparations, and the products of THE THERMOGENE CO., LTD. The full range of the Pompeian beauty preparations, including the new packs, is attractively displayed.

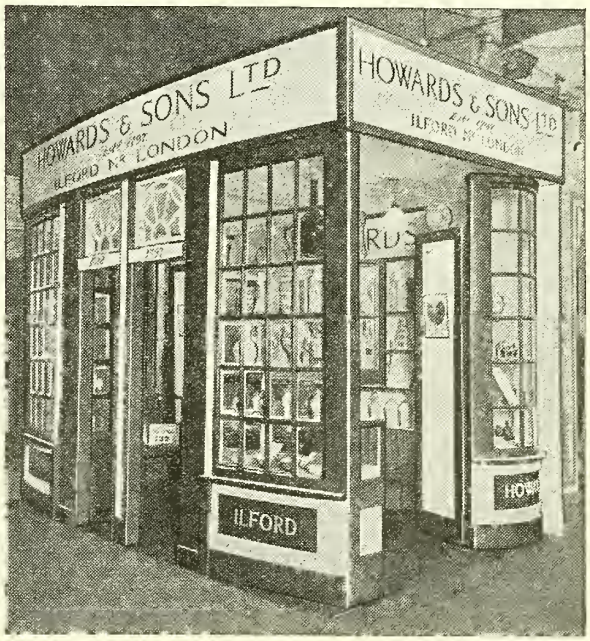
EUCRYL, LTD., display, in addition to their widely known tooth-powder, paste and denture powder, a lysol guaranteed to contain 50 per cent. of cresols and to be readily miscible in water in all proportions. Messrs. Eucryl, who are the sales agents for Thomas Keating, Ltd., are also showing that company's products.

FASSETT & JOHNSON, LTD., have a large stand filled with a variety of products, some of which are ingeniously arranged so as to give ideas in window dressing. The majority of the goods shown are proprietaries, and their names are household words. Among them we noticed Seabury & Johnson's plasters, Angier's Emulsion, Diamond dyes, Sloan's Liniment and Cockle's Pills.

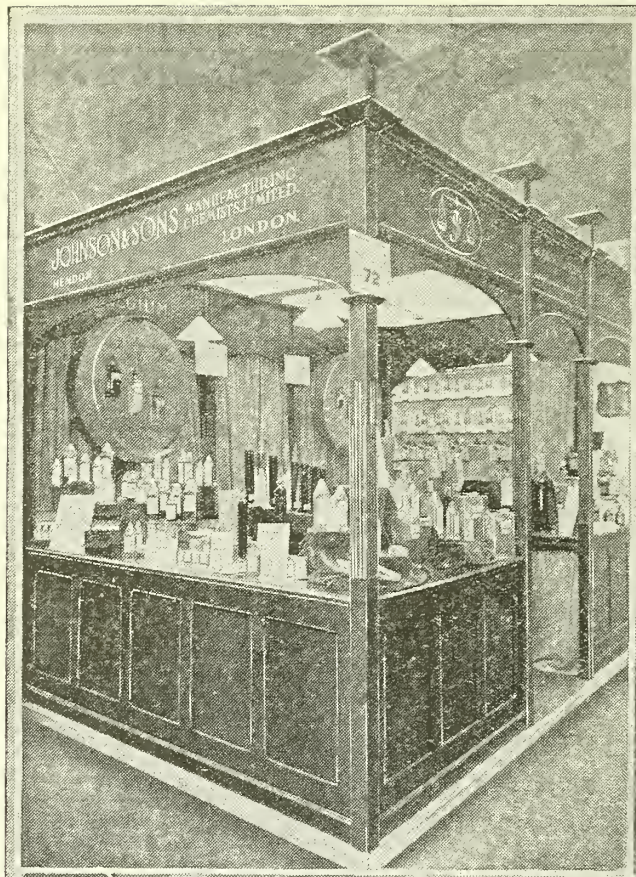
GENATOSAN, LTD., have a large stand on which their products are displayed to advantage. Sanatogen, Genasprin, Formamint, Nasmint, and vaccines all occupy prominent positions. A cordial invitation is extended to visitors to inspect the company's latest showcards and to inquire about the best terms on which their preparations may be bought.

THOMAS HARLEY uses his stand to show some interesting and original window displays, which are simple and can be easily reproduced in practically any window. An effective range of show material is offered, which sets forth the story of Rodine in an attractive form.

HOWARDS & SONS, LTD., have an impressive display of chemicals, but retailers will possibly find greatest interest in the series of small packages for sale over the counter, such as boric acid, Glauber's salt, Epsom salts and bicarbonate of soda. Howards' aspirin tablets are firmly established, and the yearly sales continue to show a remarkable increase. Quinisan tablets is another speciality which is being more and more appreciated. Manufacturers of toilet products will be interested in, among other products, synthetic menthol and Flodia, the latter being a new fixative for perfumery. Finally, the chemist who is a lover of art should not overlook the choice pharmacy pots.



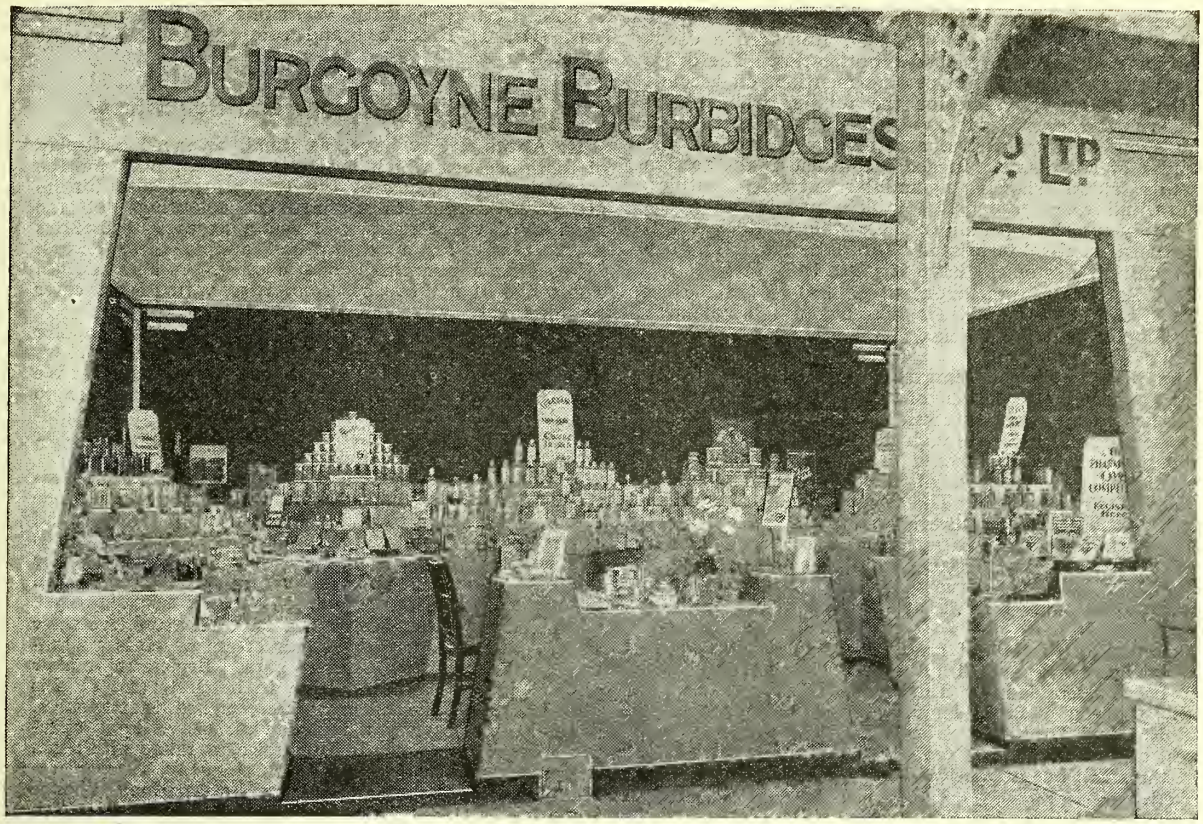
ERNEST JACKSON & CO., LTD., include in their comprehensive display a full range of lozenges which are supplied both loose and in a variety of packings ready for sale. Among the pastilles are good examples of glycerin and black currant in a soft basis, catarrh, compound glycerin of thymol and mentholated bronchial, all of which are sold in bulk, or in smart tins.


JOHNSON & SONS MANUFACTURING CHEMISTS LIMITED
LONDON
72

Potter & Moore

CUPALL LTD
CREATE NEW BUSINESS
RAYGLO
RAYGLO

Meggeson & Co. Ltd.
Established in the Reign of King George III.
VISTIC
MEGGESON



Messrs. Jackson's "6d. cellophane bags," which are available in fourteen varieties of lozenges, pastilles and tablets, are again promiently featured. Other lines exhibited include Glossettes, children's cherry cough pastilles, heartburn tablets, sulphur and yeast tablets, Devonshire butter-scotch and a range of compressed tablets.

Johnson & Sons Manufacturing Chemists, Ltd., have on view a comprehensive selection of their pharmaceutical and photographic chemicals. Among the former kind are liquid paraffin, chemical food, glycerin of thymol and many other ready sellers, together with modern developments of practice represented, for instance, by Arvitin, an organic compound of colloidal silver. The photographic side is well catered for, as usual; and in this connection a delightful set of tinted photographs should be seen by the visitor. There is also a "bonus box," containing, for a modest outlay, all the general run of preparations required by the amateur photographer.

Lambert Pharmacal Co. have a neat display of Listerine and Listerine tooth-paste, both of which are on sale at popular prices. It is of interest to note that advertising on a national scale in connection with these products (now manufactured in this country) commences next month.

Macleans, Ltd., show considerable enterprise with a special exhibit of peroxide tooth-paste and other lines, in which a full-sized bathroom washing pedestal is used to display the goods. We noticed also a good selection of specialities, including Maclean brand stomach powder and tablets, Oslo pine bath salts and shampoos, and Mayfair hair preparations.

Meggeson & Co., Ltd., have a representative display of their well-known specialities. Among the more popular to which prominence is given are glucose peppermint sticks, iodised barley sugar, bismuth dyspepsia tablets and Vistic denture powder. A new line which should become popular with customers who suffer from indigestion is the China tea which Messrs. Meggeson are now offering in neatly designed cartons. Attention is also directed to the excellent senna pods which are being shown in bulk and packed, while mention of this reminds one of another spring and summer line on view, namely, sulphur, sarsaparilla and lime juice pastilles.

H. R. Napp, Ltd., are showing an excellent range of the fine chemicals and specialities for which they are the distributors. In the latter special attention is being directed to Multibral (*C. & D.*, May 14, p. 532) and Xorox, a hæmatinic which is stated to be of outstanding potency. Under the name of Glucator Napp the company is supplying a simple apparatus for the rapid and accurate quantitative estimation of sugar in urine.

National Drug Industries, Ltd., have signalised their advent by arranging a remarkably comprehensive exhibit of medicinal and toilet preparations. In addition to the stand the company is competing in the window displays, and here again a wide range of products is on view. The label chosen for these articles is of exceptional merit.

W. T. Owbridge, Ltd., have their usual well-arranged display of Owbridge's Lung Tonic, Pills and Embrocation.

Parke, Davis & Co. have a varied exhibit disclosing the application of science to pharmaceutical products. Their Nebo germicidal soap, Dermaseptic shaving soap and shaving cream are saleable only by chemists—a point of some interest in present conditions in the toilet goods trade; all are attractively packed. The Parke-Davis effervescent saline is another proprietary cartoned in a distinctive style; and among other features of a high-class stand are Ventriculin (from hog's stomach) with iron, Mycozol, calcium sodium lactate tablets, and hydrogen peroxide solution.

The Harry A. Penney Co., Ltd., have an exhibit which, as usual, attracts considerable attention. In a prominent position on the stand is the new insecticide, Sprai, which is stated not to stain and to be instantaneous in its results. The company states that although Sprai was launched only two months ago it is already a huge success. On the stand also are shown Glazo manicure specialities, Sergeant's dog remedies, Luton hat dyes, Auroral dyes, the new Winner dyes, and White's electric combs and brushes.

Potter & Clarke, Ltd., have a large and varied display of many kinds of products, from crude drugs in original packages to packed proprietaries. The drugs are worthy of more than a passing mention, on account of their educative value for the retailer who seldom or never sees original packages. They have been taken from stock as they arrive, and give a glimpse at the romance of commerce. In sharp contrast is the section of this stand showing glandular extracts, pastilles, salines, mixtures, ampoules, tablets and toilet goods in highly finished packings; here the original drugs have been much "translated," and the result is what the retailer's customers have learned to appreciate.

The Scholl Manufacturing Co., Ltd., have an attractive display of their foot-comfort appliances, including Zino pads, toe-flex, bunion reducer, and Dr. Scholl's foot powder.

The Shadforth Prescription Service, Ltd., show a comprehensive selection of their proprietaries with open formulas. This successful mail-order business is now being conducted through the retail chemist, with the suggestion that he should begin with a small selection of the most popular of these lines and thus run no risk of overstocking. The trade discount is a generous one and sales literature is provided.

Watkins & Laing, Ltd., have a series of packed goods in smart and distinctive styles. Among them are Sal-Sal brand of nerve tablets, Dengerm brand of antiseptic, Elnora hair fixative, and Watla sunburn lotion.

A collective display of crude drugs in original packages is welcomed on all grounds. This novel exhibit has been assembled by Burgoyne, Burbidges & Co., Ltd., Johnson & Sons Manufacturing Chemists, Ltd., and National Drug Industries, Ltd. The drugs include aloes, cascara sagrada, chiretta, sarsaparilla and others, and the small but attractive display should not be overlooked.

Other exhibitors in this section include:—Jeyes' Sanitary Compounds Co., Ltd. (disinfectants, etc.); Milton Proprietary, Ltd. (Milton); Oxo, Ltd. (Oxo, Liveroid, Splenoxoid and other preparations); Tidman & Son, Ltd. (sea salt); Westminster Laboratories, Ltd. (Dr. I. Brook's brand compound Glauber salts tablets).

Toilet Preparations and Requisites

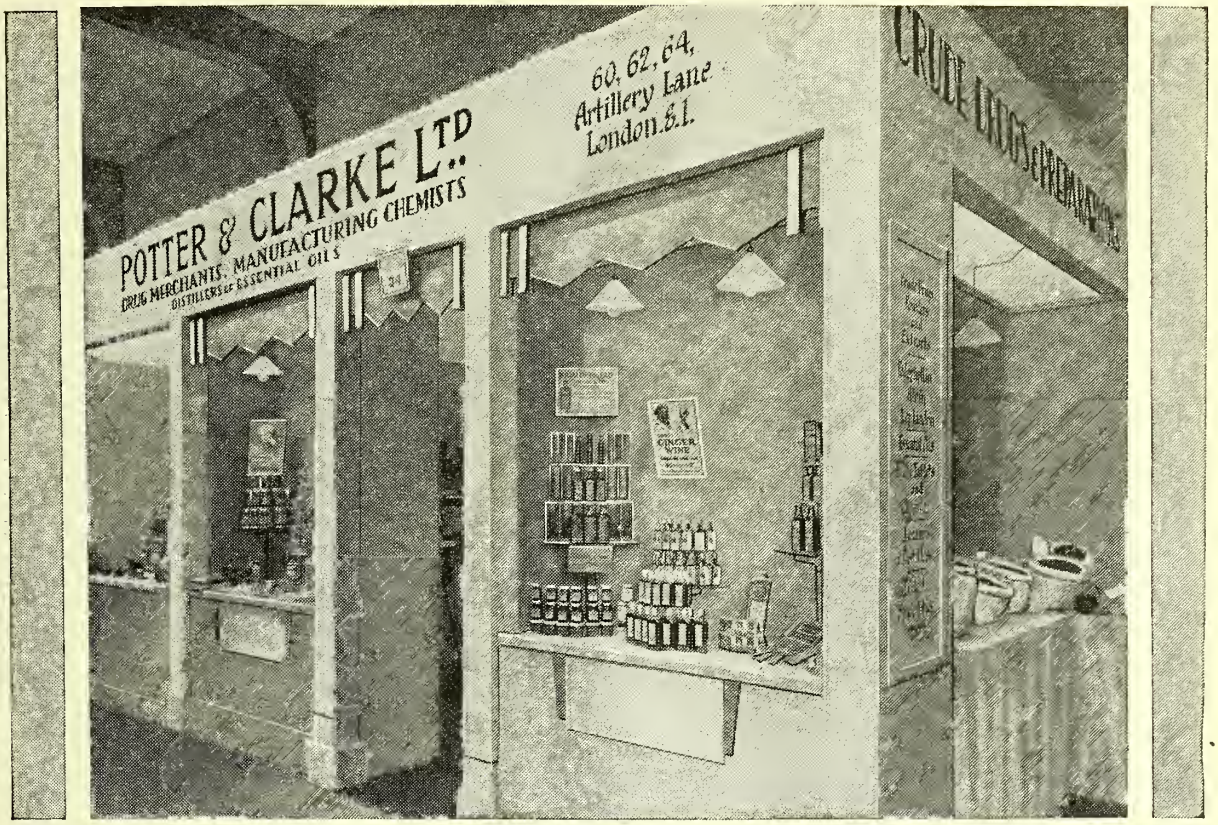
R. Addis & Son have, as usual, arranged a display of tooth-brushes which is noteworthy not only for the comprehensive nature of the exhibit, but also for its attractiveness due to the artistic colourings of the handles of the brushes. Fashion at present dictates short heads for tooth-brushes, and in these Messrs. Addis offer a remarkable choice of shapes and bristles. The range of nail-brushes, too, is so varied as to cater for all tastes and conditions.

Anzora Perfumery Co., Ltd., show the popular Anzora cream and Anzora Viola in the familiar sizes, together with examples of the new smaller size. We were informed that a special bonus offer of thirteen to the dozen commenced with the opening of the Exhibition. An attractive new showcard, suitable for counter or window display, is available.

Gustav Boehm has a varied display of toilet preparations, attractively packed with distinctive labels. The Delavelle series in lavender water, eau de Cologne and other perfumes is already popular; in addition, there is a new series of perfumes in Devon pottery of artistic design. Liquid shampoos, hair fixatives and skin lotions are other features of an excellent selection.

The County Perfumery Co. have an attractive show of Brylcreem, their popular hair cream which is guaranteed to be prepared without gum. Brylcreem is now packed in tubes (in addition to bottles), and in this style it should be of great convenience to travellers. Other lines being shown include Quickshave liquid shaving soap, Hill's Pomade Hongroise, a range of French perfume sprays and 505 eau de Cologne.

Cresswell Brothers Branch (International Sponge Importers, Ltd.) have an outstanding display of practically every variety of sponge and sponge products, including sponge rubber bath mats. A remarkable feature is the comparatively low prices now ruling. Cellophane



wrapping adds to the appearance and condition of these goods.

H. B. Dorling is showing a range of products of British manufacture. Special prominence is being given to nail-brushes and shaving-brushes, in which lines an admirable selection of qualities and styles is available. An effective display has also been arranged of the safety razors and blades of Gillette Industries, Ltd., the *pièce de résistance* of this section of the stand being the newly introduced combination package (*C. & D.*, May 7, p. 510).

Keene Laboratories (Irving A. Keene) is calling attention to Perox-chlor, which is described as a saponaceous combination of hydrogen peroxide and chlorine. It is pleasantly perfumed and has a variety of uses, notably as a nail whitener and general hand cleanser. Particulars relating to bonus terms, samples and window displays will be sent to anyone interested.

Marlborough & Co., Ltd., have an artistic display of Queen Anne lavender water and the series attached to it, including face and talcum powders, brilliantine, setting lotion, smelling salts and bath crystals. This is a distinctively designed series backed by national advertising and sold at popular prices.

Papier Poudré, Ltd., show the well-known Papier Poudré books, together with the recently-introduced Papier Poudré nail polish in book form. Both these products are neatly packed for display in attractive outers. Generous bonus offers are available for these lines and for the Poppœa series.

Pomona Soap Co., Ltd., have an artistic exhibit embracing some attractive lines in toilet soaps, and among these mention must be made of Posy, Silver Dawn, a range of bath tablets and medicated soaps. An interesting variety among the last-mentioned is camphor soap (in which is incorporated lavender and eucalyptus), as this should afford welcome relief to those who suffer from insect bites, and is therefore a good line to display in the summer months.

Potter & Moore may be commended on the highly artistic nature of their exhibit. The stand contains examples of the popular Mitcham lavender series, including a powder-cream in dainty handbag jars fitted with a mirror. There is also displayed the new Blue Ribbon eau de Cologne series, a particularly well-designed pack. A chromium-plated propelling and "self-tinting" lipstick also attracts attention.

Prichard & Constance (Manufacturing), Ltd., have devoted a considerable portion of their stand to the newly introduced Amami wave set. Attention is also drawn to the excellent value which is being offered in manicure outfits and to the popularity of such other lines as Amami shampoo powders and liquid pine tar shampoo.

Walden, Walden & Co. have a neat display comprising Aerofume deodoriser, Nufix hair dressing, and setting lotion, all of which are attractively packed.

R. F. White & Co., Ltd., have an imposing exhibit of toilet soap. The tablets of Real Mitcham lavender, violets and lilies appear to be excellent value, and the same applies to the R.F.W. shaving stick in a bakelite case. Another useful series is the sulphur soaps, while medicated soaps are supplied packed under the chemist's own name. In addition to soaps there is also displayed face powders.

Among other exhibitors in this section are:—Ava, Ltd. (toilet preparations); Camilatone, Ltd. (hair preparations); James Neill & Co. (Sheffield), Ltd. (Eclipse safety razor blades).

Miscellaneous

The Aerograph Co., Ltd., who are the distributors in this country of De Vilbiss atomisers and sprays, are able to offer some delightful productions for toilet and medicinal purposes. One of the latest introductions is for applying setting lotion and is of cut glass with a chromium-plated mount. Other notable models are the all-English throat and nose spray, the pocket spray for asthma and hay fever, and the ephedrine spray. Many of the company's instruments are now made in the Canadian factory, while others are entirely British made. A word must be said of the showcards issued by the

company, as these are of exceptional artistic merit, and chemists who are desirous of cultivating a business in sprays should certainly apply for them.

ARMSTRONG CORK CO., LTD., who have been making corks for over seventy years, arrange these in sizes and grades, and these standards remain so consistent that they can be repeated at all times. The company is also able to offer bakelite caps with cork for any of the innumerable purposes for which they are used.

BEATSON, CLARK & CO., LTD., show dispensing bottles of many descriptions, qualities and colours, as well as shop rounds, jars, graduated measures and stoppered and lettered bottles. Lettered machine-made bottles can be supplied, we were informed, in quantities of five and ten gross.

THE CLAROCIT CO., LTD., show Clarocit, together with striking showcards and display matter. A range of Varnella nail polish and manicure accessories is also shown, and we understand that a special bonus offer is available during the Exhibition period.

WM. GARDNER & SONS (GLOUCESTER), LTD., show a range of their pharmaceutical and allied machinery, including the Rapid sifter and mixer, patent combined powder dresser, perfume sprayer and mixer, patent granding and dressing machine, Rapid dryers and Rapid grinders and sifters.

HINDERS, LTD., have a good display of foot appliances, and call particular attention to Zix pads, which are used for corns, callouses and bunions. We were interested in a neat display stand which shows to good advantage the sizes and uses of the pads. The stand is suitable for counter display and the back forms a container for stock.

ILFORD, LTD., are showing a number of their lines which are of interest to photographic dealers, but greatest stress is perhaps laid on the assistance which the company can render the photographic chemist in the way of sales aids, particularly for Selo products, in connection with which there are some striking showcards. Prominence is also given to Ilford bromide and Clorona papers, of which a variety of surfaces and contrasts are available.

INGRAM & ROYLE, LTD., have their usual display of natural mineral waters, salts and pastilles, with the addition, this year, of a new pack in Vichy pastilles, which is intended specially for smokers. Two sizes are on view, a tin containing a number of packets, which, we understand, may be sold separately, and a smaller tin (for the pocket) containing about thirty pastilles. We sampled the pastilles and found them to be pleasantly flavoured.

J. G. INGRAM & SON, LTD., have a useful exhibit of most kinds of rubber goods, from bath mats to syringes. Several of these items are protected in the P.A.T.A. list, and all are of the unexceptionable quality associated with Messrs. Ingram's name. The bed sheetings are an example of progress in refinement of manufacture and adaptation to new ideas.

THE INTERNATIONAL BOTTLE CO., LTD., are noted for the originality of their patterns, and their exhibit contains many fine examples of high-class perfumery and toilet bottles. The dispensing chemist is adequately catered for by the wide range of medicals, panels and other containers. A feature of the stand is the display of English-made bakelite closures for practically every type of bottle or jar.

PHILIP JOSEPHS & SONS, LTD., have a display of pharmacy fittings in weathered oak and of a size suitable for a one-man business. This does not preclude their incorporation in larger establishments, particularly as it is evident that considerable thought of the chemists' special needs has gone into the design. Although inexpensive, these fittings are well made, and anyone opening or refitting a pharmacy can be advised to consult Messrs. Josephs regarding this important part of the equipment.

J. C. KING, LTD., show a comprehensive range of interior fittings, including dispensing screens, drug runs, wall cases, perfume cases and glass counters, as well as a large selection of stands for window display. Messrs. King's range of activities can be gauged, perhaps, from their offer to supply a complete range of fittings or a box of ticket pins.

LANG CLAYDEN, LTD., are showing the Langapres, a small printing outfit recently described in our columns as adaptable for numerous uses. Judging by the interest manifested at the time of our representative's visit, this neat piece of apparatus has already attracted general attention.

MCCLURE, YOUNG & CO., LTD., have an attractive display of useful lines, including four separate series of labels under which goods are packed with the chemist's own name and address. We were interested in a range of products with an old-style English label which looks particularly attractive. All the company's toilet preparations, we were informed, are supplied in bottles fitted with bakelite caps.

MUNDET CORK PRODUCTS, LTD., have an instructive exhibit of many kinds of corks. Those with bakelite tops in various colours are an obvious improvement, from the point of view of appearance, on the old boxwood-top style.

ROBINSON & SONS, LTD., have a comprehensive display of cardboard boxes, drums, display outcards, showcards, and so forth, finished with the neatness associated with their well-known style. Designs for special containers are prepared in Messrs. Robinson's studios, and advice is given on problems arising in the work of packing.

A. L. SIMPKIN & CO., LTD., are exhibiting a good selection of "chemists' confectionery" in some thirty varieties. These lines are specially worthy of mention on account of the excellence of the finish and pack. We note that distribution is confined to chemists.

T. J. SMITH & NEPHEW, LTD., are calling special attention to their Elastoplast speciality dressings and to Semiplast. The latter is an elastic bandage, only one half of which is adhesive, so that when applied only the first turn of the plaster portion comes in contact with the skin. As a support for varicose veins and most injuries this bandage is ideal.

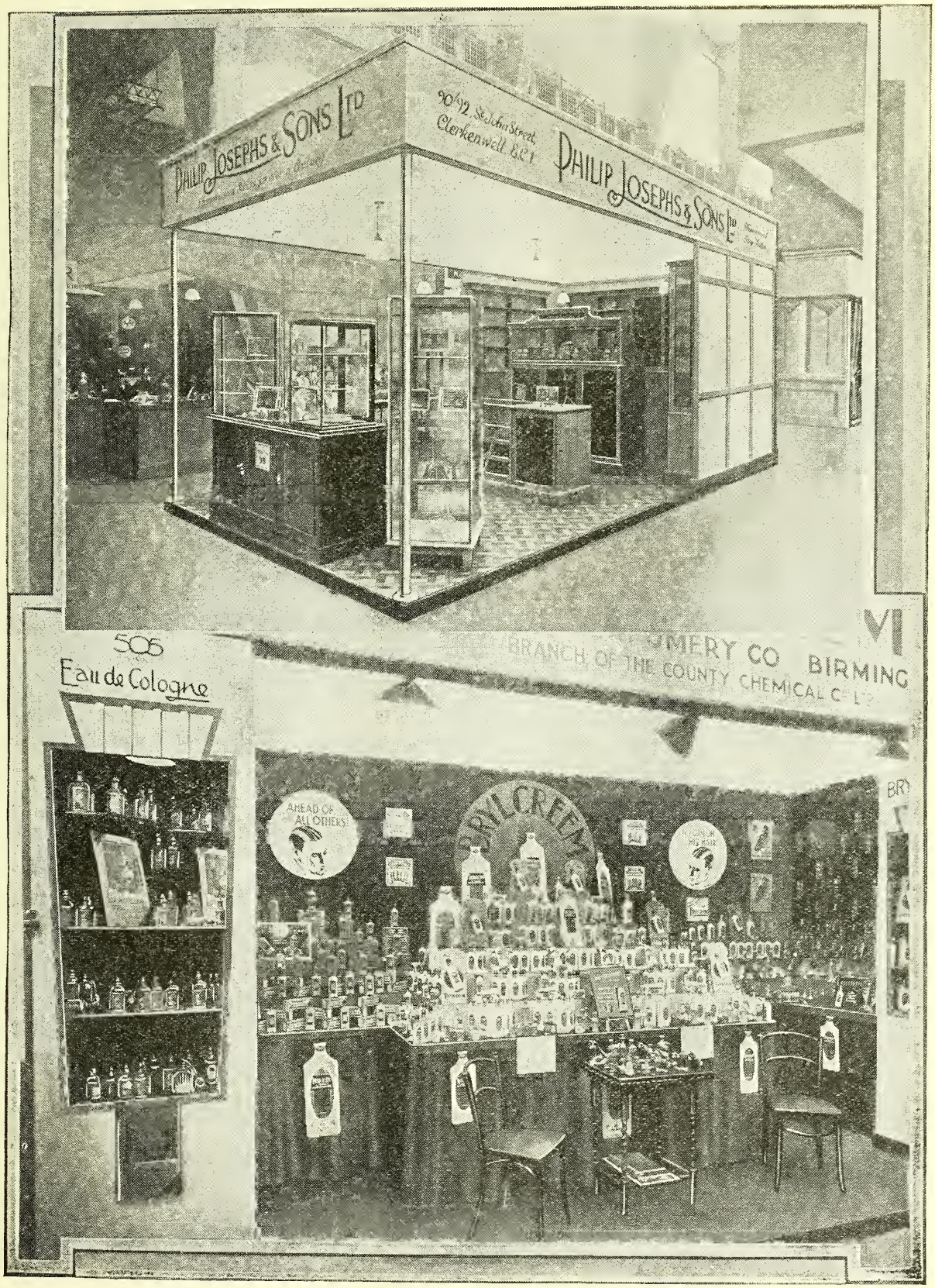
SPARKLETS, LTD., besides making a fine display of Sparklets syphons and bulbs, are showing a portable outfit for oxygen or carbon dioxide. This measures 10 in. by $3\frac{1}{4}$ in., and each bulb of CO_2 contains sufficient gas to deliver for six minutes at the rate of two litres per minute. Spare bulbs of either or of the mixed gases are available.

UNITED GLASS BOTTLE MANUFACTURERS, LTD., show a large variety of high-quality bottles in many designs. The "Washed and Sterilised Ready-to-Use Medicine Bottle Service" is decidedly useful to the busy dispenser, and samples are displayed. The growing use of screw caps in place of corks is demonstrated in this exhibit. Glass ash trays and counter trays are also shown.

VISCOSE DEVELOPMENT CO., LTD., show specimens of bakelite and similar mouldings, the selection including cream pots, shaving stick containers and small boxes for the handbag. There is also an excellent display of Viskaps and Viskrings, which are made in various finishes and in a large range of colours.

Other stands worth a visit are those of:—THE APOLLINARIS CO., LTD. (mineral waters); BELLCHAMBERS GLASS BOTTLE CO., LTD. (all types of glass bottles); HUSSEY, DAWSON & CO. (aluminium containers, soothers); JOBLING, GLENNIE & CO. (automatic machines); WALTER LEY, LTD. (labels); NEW PROCESS RUBBER CO., LTD. (surgical rubber goods); W. J. RENDELL, LTD. (pessaries); J. RUTHERFORD & CO., LTD. (toilet rolls and flat toilet papers); WESTMINSTER LABORATORIES, LTD. (Dr. I. Brook's Compound Glauber Salts Tablets); G. H. ZEAL, LTD. (thermometers).

An interesting feature of the Exhibition is a voting competition on the order of merit of window displays by the following:—ALLEN & HANBURYS, LTD.; AVA, LTD.; THE COUNTY PERFUMERY CO., LTD.; HOWARDS & SONS, LTD.; MARLBOROUGH & CO., LTD.; MCCLURE, YOUNG & CO., LTD.; MILTON PROPRIETARY, LTD.; NATIONAL DRUG INDUSTRIES, LTD.; THE HARRY A. PENNEY CO., LTD. This competition is open to chemists in business, their managers and assistants.



PHARMACY FITTINGS BY PHILIP JOSEPHS & SONS, LTD.
THE DISPLAY OF THE COUNTY PERFUMERY CO.

Trade Notes

THE VICTORY DISINFECTANT is advertised in this issue by Household Products, 21 Blenheim Street, Newcastle-on-Tyne.

MR. CICERO S. CLARK, 12 Richmond Road, London, W.2, announces a reduction in the price of Azyma dry closing cachets.

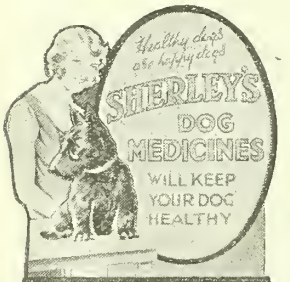
EDWARD HACK, 69 Farringdon Road, London, E.C.1, is supplying in connection with his Anti-Thrax shaving brushes the display device shown in the illustration. There is a hole in the handle of the brush for suspending it from a bent hook fixed in the showcard.

KOTEX, LTD., 317 High Holborn, London, W.C.1, have introduced under the name of Kleenex, soft, absorbent tissues hygienically enclosed in artistically designed packages. These disposable tissues are not only useful as handkerchiefs, but are excellent for removing creams and cosmetics. Kleenex can also be used for polishing and cleaning where a soft tissue is necessary.

BURGOYNE, BURBIDGES & CO., LTD., manufacturing chemists, East Ham, London, E.6, inform us that their offices and works will be closed on June 4, the date of the annual staff outing.

PERADIAC CO., 40 Buckingham Palace Road, London, S.W.1, have introduced a beauty cream which is stated to be continually radio-active and not to depend on exposure for this property.

IHAGEE CAMERAS.—Garner & Jones, Ltd., Polebrook House, Golden Square, London, W.1, have brought out a new catalogue of Ihagee cameras, a copy of which will be sent to any chemist upon receipt of a postcard request for it.



A. F. SHERLEY & CO., LTD., dog medicine manufacturers, 18 Marshalsea Road, London, S.E.1, are distributing two new sales-aids relating to their products. The Lactol showcard measures 14½ in. by 10 in., and is reproduced in eight colours; and the dog medicine card is 12 in. by 9¾ in., and is reproduced in ten colours, with special strut adjustment at the back.

ENERGEN MARMALADE. — We have received from Energen Foods Co., Ltd., Energen Works, Bridge Road, Willesden, London, N.W.10, a sample of Energen marmalade, an important feature of which is the absence of extraneous sugar. This is a well-balanced product, with the natural flavour of Seville orange peel predominating and yet without undue bitterness. Its use is specially indicated for diabetic and other patients whose consumption of sugar is restricted.

BARCLAY & SONS, LTD., druggists' sundriesmen, 95 Farringdon Street, London, E.C.4, have made remarkable progress in the reorganisation of their business since the serious fire which occurred on May 14 (see *C. & D.*, May 21, p. 548). When it is considered that nearly the whole of their sundry stock was destroyed and the drug department was burnt right out, it can be realised that almost superhuman efforts must have been exercised to enable them to execute every order. The directors were on the scene before the fire brigade had put out the flames. One very remarkable thing is the rapidity with which the telephone service was installed in a separate part of the building. Fortunately, the printing plant was untouched, so that thousands of circulars were sent to customers all over the country notifying them that business would be carried on as usual on the Tuesday after Bank Holiday. We understand that Messrs. Barclay were literally overwhelmed with offers of help as regards stock and premises by business friends and competitors. Another outstanding feature was the instant offer of help from the staff, many of whom were away for the holiday, but returned as quickly as possible and volunteered to work on Whit-Monday. Early on Tuesday morning goods were passing into the premises adjoining 95 Farringdon Street.—Beecroft, Sons & Nicholson, 12 Wood Street, Cheapside, London, E.C.2, have been engaged to assess the damage arising out of the fire.

Trade-Mark Applications

The figures in parentheses refer to the classes in which the marks are grouped. A list of classes and particulars as to registration are given in "The Chemist and Druggist Diary," 1932, p. 339.

(From "The Trade Marks Journal," May 11, 1932.)

"HAZE OF THE MORNING"; for perfume (48). By Seftonian Laboratories, Ltd., Aigburth Vale, Liverpool. 530,611.

"RECKITT'S"; for bath salts (48). By Reckitt & Sons, Ltd., Dansom Lane, Hull. 529,198. (Associated.)

"GOODWILL'S SCARBOROUGH SEAWEED BATH PACKETS" with picture of sea front and bathing girl ("Goodwill's" disclaimed); for bath salts made partly from seaweed (48). By Goodwill Seaweed Products, Ltd., 33 St. Sepulchre Street, Scarborough. 530,121.

"CELORE" for perfumery, etc. (48). By The Florence Rutter Co., Ltd., 118 Baker Street, London, W.1. 530,617.

"PERSIAN GARDEN"; for perfumery, etc. (48). By J. Margerison & Co., Ltd., Leighton Street, Preston. 530,963.

(From "The Trade Marks Journal," May 18, 1932.)

"ALIQUANDO TANDEM" on circular design including letters "C P" and serpent; for a medicine for malaria and blackwater fever (3). By Chemopharm, Ltd., 58 Victoria Street, London, S.W.1. 529,365.

"BIOCEL"; for medicinal chemicals for external use (3). By Société Anonyme Tokalon, 7 Rue Auber, Paris. 526,397. (Associated.)

"SPIRONINE"; for medicinal chemicals (3). By The British Drug Houses, Ltd., 16-30 Graham Street, City Road, London, N.1. 530,723.

"NELCAGENE"; for medicated wool (3). By Nelca, Ltd., 24 Richmond Terrace, Blackburn. 530,827.

"PARKALAX," "PARKELAX" and "PARKILAX"; for all goods (42). By Parkinsons, Ltd., Curzon Street Drug Mill, Burnley. 531,025/028/031. (Associated.)

"HYDENIC"; for preparations for cleansing artificial teeth (48). By Hydenic Laboratories, 69 Cranbury Avenue, Southampton. 529,848.

"SYLVAGRAY" on device including rays and letters "LL" ("LL" disclaimed); for perfumery, etc. (48). By Lewis's, Ltd., 47 Gresham Street, London, E.C.2. 530,010.

"SEA ESSENCE"; for perfumery, etc. (48). By Brown & Co. (Glasgow), Ltd., Mary Street, Johnstone, Renfrewshire. 531,043.

"PENTNOR"; for perfumery, etc. (48). By G. W. Ruff, 36 Penton Street, London, N.1. 531,057.

(From "The Trade Marks Journal," May 25, 1932.)

"FARMOGLOSS"; for chemicals (1). By T. & W. Farmiloe, Ltd., 19-23 Rochester Row, London, S.W.1. 531,129.

"PINEOLEUM" over branch bearing cones; for all goods (2) and (11). By The Pineoleum Co., 52 West 15th Street, New York, U.S.A. 529,883/884. (Associated.)

"KOEZA"; for chemicals (2). By B. C. Tipper & Son, Ltd., 43 Homer Street, Balsall Heath, Birmingham. 531,136.

Births

Notices for insertion in this column must be properly authenticated.

AMOS.—At Lorna Lodge, West Didsbury, Manchester, on May 20, the wife of C. R. Amos, M.P.S., of a son.

MEDLEY.—At Westcliff Nursing Home, Half Edge Lane, Eccles, Lancs, recently, Hilda (*née* Battersby), wife of G. A. Medley, Ph.C., of a son (David Robin).

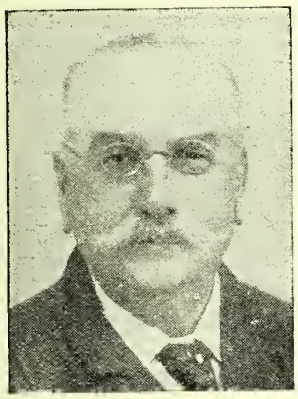
Deaths

BLADES.—At Balham, London, S.W.12, on May 3, Mr. William Wrench Blades, chemist and druggist, aged eighty.

CUTCLIFFE.—At Torquay, on May 12, Mr. Charles Cutcliffe, chemist and druggist, 7 Strand, Dawlish, son of the late Mr. G. J. Cutcliffe, chemist and druggist. Mr. Cutcliffe, who qualified in 1906, purchased about two years ago the business which had been previously carried on by his father.

FRITH.—At Coggeshall, on May 21, Mr. John Bruff Frith, retired chemist and druggist, aged eighty-eight. Mr. Frith started in business at Coggeshall sixty-two years ago.

FORSYTH.—At Hove, on May 21, Mr. George Grant Forsyth, late proprietor of the firm of A. Ruch & Co., glass bottle merchants, Coxson Place, Tower Bridge Road, London, S.E.1, aged eighty. The funeral took place at Hove Cemetery on May 25.



MR. G. G. FORSYTH

GELLING.—At Onchan, Isle of Man, on May 4, Mr. William Hiram Gelling, chemist and druggist, aged fifty-four.

HUGGINS.—At his residence, Hardwicke, Manor Road, Barnet, on May 14, Mr. Samuel Huggins, retired chemist and druggist, aged seventy. Until his retirement in 1905, Mr. Huggins carried on business at 59 High Street, Barnet, where he succeeded his father. He served for a long period on the Board of Guardians, the Urban Council, and other public bodies.

THRESH.—At Spergula, Chelmsford, on May 23, Mr. John Clough Thresh, M.D., D.Sc., F.I.C., chemist and druggist, late medical officer of health for Essex, aged eighty-one. Dr. Thresh was for a time in business at Buxton, where he was succeeded by an ex-apprentice, Mr. Robert Wright, Ph.C., whose death, by a coincidence, is also announced in this issue. He was one of the general secretaries of the British Pharmaceutical Conference from 1884 to 1890. He obtained the D.Sc. of London University in 1884, and graduated in medicine at the Victoria University of Manchester, five years later, subsequently proceeding to the higher degree. For some time he was an examiner to the Pharmaceutical Society and to the University of London. Dr. Thresh specialised in water analysis; his books on the subject are well known, and he frequently gave expert evidence on this and allied matters.

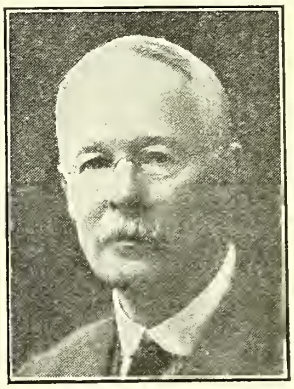
WALKER.—At Folkestone, on May 15, Mr. Herbert Walker, retired chemist and druggist. Mr. Walker, who qualified in 1889, was for a time in business in Bermondsey, London, S.E. In 1899 he joined Major G. W. Harris in the pharmacy in Sun Street, Canterbury, carried on under the style of Walker & Harris, and branches were later opened at Sandwich, Hastings, Whitstable and Ashford. The connection was severed some years ago, and Mr. Walker continued the Ashford branch, known as Walker & Kirkness, until his retirement in 1928.

WRIGHT.—At Buxton, on May 14, Mr. Robert Wright, Ph.C., F.C.S., a past-president of the British Pharmaceutical Conference. Mr. Wright was educated at York, and served a five years' apprenticeship to the late Dr. J. C. Thresh (whose death is announced in this issue), at that time a chemist and druggist in business at 2 High Street, Buxton. He studied at the Pharmaceutical Society's School of Pharmacy, winning numerous distinctions, and passed the Major examination in 1882; in the same year he was a prize-winner in the *C. & D.* "Corner for Students." After a brief experience as assistant at Nice, he returned to Buxton and entered into partnership with Dr. Thresh, becoming the sole proprietor when Dr. Thresh went to Manchester to continue his medical studies. Mr. Wright subsequently purchased another pharmacy at 5 Devonshire Colonnade. He was for several years an examiner to the Pharmaceutical Society, and the list of his published monographs (some prepared in association with Mr. E. H. Farr) printed in THE CHEMIST AND DRUGGIST of August 15, 1908, occupied more than a column. In that year he was chairman of the British Pharmaceutical Conference, which met in Aberdeen. Mr. Wright was a strenuous worker, and for a long period was at business daily at 7 a.m. He disposed of his pharmacy early this year.

Personalities

MR. E. H. LAWRENCE, youngest son of Mr. E. W. Lawrence, chemist and druggist, Knaresborough, has been awarded a Dolman exhibition tenable at Cambridge University, and will enter St. John's College in October next. Mr. Lawrence, jun., is a student at Pocklington School, Yorks.

MR. J. E. SAUL, F.I.C., Ph.C., has rejoined the board of directors of Savory & Moore, Ltd. Mr. Saul has been associated with Messrs. Savory & Moore at 143 New Bond Street, London, W.1, since 1884. He became a member of the Pharmaceutical Society's board of examiners for England and Wales in 1889, and served in that capacity for thirteen years. In 1914 he joined the directorate of Savory & Moore, Ltd. (the firm had by that time been converted into a private limited company), and remained a director till the amalgamation with John Bell & Croyden, Ltd., took place. Last October Mr. Saul was appointed technical adviser to the new company, with which he will now be still more closely identified.



MR. J. E. SAUL

AMONG the delegates attending the conference of the Incorporated Sales Managers' Association, held in London from May 20 to 23, were the following connected with the drug trade: Mr. Thomas Marns (member of the Council of the Pharmaceutical Society), Mr. G. I. Akeroyd (Boots, Ltd.), Mr. E. S. Baynes (Thomas Hedley & Co., Ltd.), Mr. B. Carpenter (T. F. Bristow & Co., Ltd.), Mr. S. Hawke (Ensign, Ltd.), Mr. R. W. Lowman (Kodak, Ltd.), Mr. G. Bernard Thompson (Gueneaux (England), Ltd.), and Mr. Hugo Wolff (Glaxo).

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S/95. Surrasthenine syrup

THE
CHEMIST AND DRUGGIST
VOL. CXVI MAY 28, 1932 NO. 2729

A Call to Youth

THE Pharmaceutical Society's Council election of 1932 reveals an unhappy state of affairs in the body politic; 2,000 fewer electors than in 1931 thought it worth while to record their votes. The promise of last year, when the election was keenly fought, stimulated the hope that pharmacy was growing in political consciousness. Almost at once, however, the decline began, and recession from the standard persisted through the year. The Council has sown wild oats in spending money over delegates' meetings, and the remarkable thing is that it has never been so consistent in developing a Fabian policy to wear down the patience of its members. The money spent over the Pharmacy and Poisons Bill in 1931 produced a decided hostility to the Bill in its present form. The Council election of the same year was emphatic on refusal; then, without any apparent pressure from without, and after six months of lying low, there was created a desire to accept that which previously had been unacceptable. A Fabian policy can achieve much when wisely directed, especally if time is an ally, but it is a futile thing if it only leads to reversal. The result was a sort of paralysis sterilising the faith of 7,802 out of 13,595 potential voters. The protagonists for a policy of action to obtain a more satisfactory protection of the public withered before the necessity to collect funds to fight the election. It was left for hardy annuals, who somehow have created the impression within the electorate of divided or even apathetic interest, to state the case for progress. It is presumed in many quarters that understanding of the true inwardness of this Pharmacy and Poisons Bill is a monopoly of the Council. It should be a sufficient answer to point out that the Council required two years to decide on which side of the fence to come down.

Practical Considerations

Years ago there was a party of progress in pharmacy, and it was then possible to call on alert minds throughout the country to take concerted action both in pooling expenses and in propaganda. To-day the voice of progress is only heard in making more severe the requirements of pharmaceutical examinations and a striving after side-lines in allied technical work to provide pathways of livelihood for super-trained pharmacists. At the last delegates' conference a voice was raised for the younger generation. It was too late for this election, but it should not be too late for a call to youth to prepare for the next. The time and money which public service costs its devotees is considerable; and in a scattered electorate it is exceedingly difficult to know and secure those to whom it is a joy to deny self in order to serve the community. At the same time it is necessary that something positive should be done. The average age of members of Council is still too high; and if pharmacy is to become more potent and self-conscious, younger men are necessary. The question is largely one of time and money; both factors are important for those who come from the provinces, though the latter is the greater strain for those in London. The branch system of the Society has not been very fruitful in producing new aspirants for service, but in the annual conferences it should not be impossible to get together a nucleus of progressive thought. What is most important is to stimulate active interest in the younger men to co-operate with each other and avoid being obsessed by the so-called superiority of age. The time to begin preparing for the next election is now, not next March. The Pharmacy and Poisons Bill may be reintroduced in the autumn session, and on youth is laid the burden to blaze the trail for a true and not a fictitious advance. High technical education is useful; but unless pharmacy can be conserved for the protection of the public, which means reasonable restriction of the distribution of medicaments to the pharmacist, then super-training becomes sounding brass and a tinkling cymbal.

The New Legal Procedure Rules

CHEMISTS, like the rest of the community, are interested in anything that is likely to make for the cheaper administration of justice in this country. There is no doubt that the cost of litigation has the effect of denying justice to all except the wealthy and the poor. The former can afford it and the latter have it provided for them by the Poor Persons' Procedure Rules. Now we are being given a system of procedure which is intended to advantage the business man of moderate means and to enable him to appeal to the fountain of justice without the prospect of having to pay heavily for his venturesomeness. The new rules aim at putting a stop to the vexatious and expensive preliminary interlocutory proceedings—the sparring for an advantageous position—that contribute so much to the delay and expense of legal proceedings. The idea is to cut these off; to limit the waste of money expended on unnecessary multiplication of letters and other documents; to limit the number of expensive expert witnesses to be called; and generally to give the judge who is to try the case much wider discretion as to the conduct of the proceedings, on the analogy of the methods of the Commercial Court. We hope that those for whom the new procedure has been set up will avail themselves of it if and when the unfortunate necessity should arise for having recourse to the Courts. It would be idle to assume that we have suddenly arrived at the age of cheap and expeditious justice; but this is at least a step in the right direction—a jump clean over some of the big obstacles, and it is of particular benefit to the commercial community. For their benefit it has been set up, to the exclusion of libel, slander, breach of promise and all that type of litigation that simply provides newspaper "copy." It can be had for the asking, and litigants will only have themselves to blame if they do not tell their solicitors plainly that they require it.

LEAGUE OF NATIONS.—The League of Nations has issued the first number of a new periodical entitled "The Quarterly Bulletin of the Health Organisation." It is obtainable (pp. 157, price 2s.) from Allen & Unwin, Ltd., 40 Museum Street, London, W.C.1. Among the articles will be found "Immunisation Against Diphtheria: Resolutions of the Conference held in London in June 1931."

Kaolin in Pharmacy and Perfumery

By Alfred B. Searle

KAOLIN—in this country usually known as China clay because its first use was for the manufacture of China ware—is an impalpable white powder composed of aluminosilicic acid, and appearing, on analysis, to contain: Silica 46 per cent., alumina 39 per cent., combined water 13 per cent., and "impurities" 2 per cent. Many specimens of kaolin contain a much larger percentage of impurity—chiefly in the form of mica and quartz, but occasionally felspar and various other minerals are present in noteworthy proportions. Abroad, the terms "kaolin" and "China clay" are applied to many white clays, which are, in reality, very impure and are quite unsuitable for the manufacture of China ware and other varieties of porcelain; they may, however, be used in pharmacy and for other purposes in which their impurities are quite harmless. For most pharmaceutical and perfumery purposes, a kaolin or China clay must have the following properties:—

(*a*) It must be quite white, unless it forms part of a coloured product when a slight cream tint may be unobjectionable;

(*b*) it must be free from grit—this being usually ascertained by placing a little of the material on the tongue and rubbing it against the palate or gums until it is dissipated. This test is far more sensitive than any mechanical screening or air-separating test. (One of the finest and smoothest forms of kaolin is that sold under various trade names, and regarded as being in the colloidal state. It is true that the methods used in its preparation are the same as those used in the production of various colloidal materials, but this does not necessarily ensure the product being wholly or even mainly in the colloidal state. The treatment used does, however, ensure a product free from grit and consisting of superfine particles);

(*c*) for some purposes the kaolin must possess strong absorbent properties for oils or dyes and must retain these substances so tenaciously that they are not readily separated (if at all) when the product is in use (This property is particularly important in the preparations of pastes used instead of poultices, in tinted toilet powders, and in solid or pasty perfumes);

(*d*) closely allied to the preceding property is that of adhesion—the ability of kaolin to adhere to textile and other materials—but this property is of minor value in pharmacy;

(*e*) plasticity—or the ability to be made easily into another shape and to retain the new shape—is only needed in the manufacture of pessaries and boluses;

(*f*) suspensibility—or the power of remaining in suspension in water or other fluids—is not of direct importance to the pharmacist, but is of great indirect interest as it affords a good indication of the fineness of the particles, and, therefore of their absorbent power;

(*g*) stickiness when wet is very objectionable in some uses of kaolin, and this necessitates a very careful selection of the material. (Clays differ greatly in this respect, some becoming highly adhesive and sticky when wetted, whereas others are almost inert, and failure to recognise the importance of this distinction has been the cause of many failures);

(*h*) the colloidal properties of kaolin must be mentioned, though they are commonly disregarded. It is quite a mistake to suppose that kaolin is inert, for it is an exceedingly sensitive substance, changing its properties markedly in the presence of minute proportions of acid or alkali. Consequently, if a kaolin has been subjected to a chemical process of purification (or even if hard water has been used in purifying it), the properties of the material may be very different from what are desired. This important fact is very often overlooked, and kaolins are refused as useless when a very simple treatment would make them serviceable.

When a preparation involving the use of kaolin "goes wrong," the first thing to consider is: "Is the fault due in some way to the colloidal properties of the kaolin?" In many instances, action based on a knowledge of these properties will either "put the product right" or will enable a fresh mixture to be made which is satisfactory. Often the treatment required is merely the addition of one or two drops of dilute ammonia or acetic acid to the kaolin prior to adding the other ingredients, but in some cases a more vigorous treatment is essential. Some foreign kaolins consist of such coarsely flocculated particles that it would not be profitable to use them; the cost of deflocculating them would be greater than that of purchasing a suitable (English) China clay. There is probably no clay in the world so generally suitable for pharmaceutical purposes as the best quality of Cornish China clay, but as the form in which this mineral is obtained necessitates a preliminary treatment at the quarries, it is essential to ensure that a suitable quality is obtained. Some China clay, rich in mica and other impurities, is sold as "China clay," but it is useless to the pharmacist, who should, where possible, ask for "colloidal China clay"—even though he may be supplied with a material which is not truly colloidal.

The number and variety of pharmaceutical preparations in which kaolin is used is much greater than is commonly realised, particularly when it is understood that kaolin is essentially an "inert base." For reasons previously given, it is not correct to describe kaolin as inert, and in many of the purposes in which it is so regarded a truly inert substance would be useless.

Toilet Powders

Among the simplest products containing kaolin are the toilet powders, though it is not equally suitable for all these. For instance, where a powder is required to absorb moisture, a kaolin which becomes plastic or sticky when wetted is highly objectionable. A "short," "lean" or feebly plastic kaolin should then be used or a non-clotting material, such as talc, or zinc oxide, substituted. For some purposes, a mixture of talc and kaolin in almost any desired proportions may be used. Such a mixture will be highly absorbent, and the slight adhesiveness is not a serious disadvantage. The addition of any desired perfume is an easy matter; it should be diluted with sufficient alcohol to enable it to be distributed, and the mixture ground so as to ensure uniformity. The heat produced in the grinding will usually dry the product. It should be clearly understood that the grinding is not to reduce the size of the particles of clay, but merely to break up clots which are formed by adding the perfume and to distribute the latter uniformly through the powder.

The possible compositions of toilet powders are endless and no one formula is really better than another, except as regards the perfume. As it is useless to reproduce that of well-known powders, the chemist who wishes to produce his own toilet powder should select a perfume different from those generally used. The strong, pungent oils should be avoided, as few people care for a strongly perfumed toilet powder; what is most likely to be saleable is a delicately perfumed powder reminiscent of violets, or one of those nondescript perfumes usually known as "lily of the valley," "new mown hay," "heather," etc. Any perfume manufacturer will supply a special mixture at a reasonable price, and, by arrangement, such a mixture can be made "exclusive" to the purchaser. In selecting a perfume for a toilet powder, and particularly for a face powder, care should be taken not to use one which leaves an unpleasant odour. Several mixtures on the market have an exquisite odour when fresh and in the state in which they are supplied, but when the more ethereal oils have evaporated, the residue has a distinctly unpleasant odour. The common test of rubbing a little of the perfume on the warm palms, and smelling them at intervals of half a minute or more is

useful as a preliminary test, but the only satisfactory procedure is to make up a test-mixture, keep it in a warm place for forty-eight hours, and to smell it frequently during that period.

Face Powders

are a variety of toilet powders and differ from the other chiefly in consisting of smaller particles, and in being more delicately perfumed. They may, therefore, be regarded as superfine toilet powders, but apart from this are made from the same materials. Owing to the extreme fineness of the particles, it is seldom satisfactory to employ talc in face powders, though some firms use an extremely fine air-separated talc as others use a fine rice starch. A properly prepared and skilfully selected kaolin is, however, superior to either of these substances, and is less likely to affect the skin. As previously stated, the wise dealer will not use a ready-made formula, but will prefer an original mixture —the product of his own choice and initiative. For those who wish for a rough guide—to be used as a starting point from which to depart as widely as circumstances permit—the following may be useful:—

(a)	Kaolin	2 oz.
	Starch powder	2 oz.
	Boric acid	1 dr.
	Perfume	a sufficiency
(b)	Kaolin	4 oz.
	Perfume	a sufficiency
(c)	Lanolin	1 dr.
	Ether	3 dr.
	Kaolin	2 oz.
	Starch powder	2 oz.
	Perfume	a sufficiency

The lanolin is dissolved in the ether and mixed with the kaolin and starch. After the ether has evaporated and the mixture is uniform, the perfume is mixed with it.

A commonly used perfume consists of coumarin 2 gr., attar of rose substitute 2 min., or a mixture of patchouli and oil of geranium; the latter is a rather "coarse" perfume. Another popular perfume consists of:—

Extract of white rose	3 parts
Extract of jasmine	3 parts
Extract of orange flower	3 parts
Extract of cassia	3 parts
Tincture of myrrh	1 part

Rose geranium oil is also used in the proportion of ½ dr. per pound of powder.

(d)	Zinc oxide	1 part
	Kaolin	6 parts
	Talc	1 part
	Starch	2 parts
	Perfume	a sufficiency

(e) A useful white face powder consists of:—

Kaolin	9 parts
Orris root	1 part

Instead of kaolin, a mixture of kaolin and starch powder in any desired proportions may be used. A little perfume, such as oil of neroli or bergamot, may be added, in addition to the orris root.

For tinted powders, carmine, cochineal or aniline dyes are chiefly used, but ochre is sometimes employed for the use of brunettes (see *Rouges*).

(f) A cheap face powder consists of:—

Kaolin	8 lb.
Starch	1 lb.
Orris root	1 lb.
Extract of cassia	3 oz.

A useful substitute for calamine lotion for sunburn and freckles consists of either:—

I		II	
White soft paraffin	4 parts	White soft paraffin	5 parts
Bismuth carb.	1 part	Kaolin	2 parts
Kaolin	1 part	Glycerin	2 parts
		Zinc oxide	1 part
		Magnesia levis	1 part

More kaolin can be used if desired.

Rouges

are another form of toilet powder, this term being applied to many tinted powders with complete disregard of their colour. True rouge is a particularly fine form of hydrated ferric oxide, but many modern rouges consist of kaolin stained with cochineal, or with one or more of the multitudinous aniline dyes now available. The precise tint, like the odour, must depend on the chemist's idea of his customers' tastes, and if he can enlist the opinion and secure the approval of one of the local leaders of fashion he will be well advised to do so. Such assistance is worth more than any formula ready to hand. The following formulas are typical of rouges containing kaolin:—

(a)	Kaolin	8 oz.
	Zinc oxide	4 oz.
	Bismuth subnitrate	4 oz.
	Eosin	1 dr.
	Almond oil	a sufficiency
	Perfume	a sufficiency

The oil should be sufficient to form a paste of agreeable consistency.

(b)	Kaolin	30 parts
	Ammonium carminate	10 parts
	Simplo syrup	a sufficiency
	Perfume	a sufficiency
(c)	Kaolin	50 parts
	Carmine	10 parts
	Almond oil	12 parts

Other rouges consist merely of face powder delicately tinted with carmine or aniline dye.

Complexion Clays and Mud-Packs

The healing and beautifying effect of plastic clay on the skin was known in ancient times and it is still appreciated to-day, though mainly by middle aged ladies who are willing to devote ample time to its use.

There are numerous recipes; the differences between them are more the result of individual preference than of actual value in the ingredients. The various recipes may, however, be divided into three classes: (i) those consisting of kaolin or other clay and water (with or without perfume); (ii) those containing a grease, oil or cream; and (iii) those containing an active chemical ingredient. Typical of the first class is:—

Kaolin	5 oz.
Calamine	1 oz.
Sodium benzoate	7 gr.

This preparation is usually sold in the form of a powder to which water must be added before use. Sometimes a little glycerin and a few drops of perfume are included in the powder.

The second class may be represented by:—

Kaolin	32 oz.
Sodium benzoate	1 dr.
Cold cream	4 oz.
Water	a sufficiency
Perfume	a sufficiency

The sodium benzoate is dissolved in the hot water, which is then allowed to cool and the perfume is added. The liquid is then mixed with the kaolin and finally the cold cream is added. Instead of cold cream, any suitable grease or oil may be used.

The active chemicals used in the third class include hydrogen peroxide, lemon juice, and sometimes rock ammonia. The proportion of each depends wholly on the desire of the customer or of the chemist preparing the mixture. The other ingredients are the same as in the previous classes. In all these cases the preparation is spread on the face or arms and allowed to harden. After a period, which may vary from fifteen minutes to several hours, the mask is removed with warm water, applied with the aid of absorbent cotton or a soft cloth.

(*To be continued.*)

THE LATE DR. G. CLARIDGE DRUCE.—An appreciation of the late Dr. G. Claridge Druce appears in the Kew "Bulletin of Miscellaneous Information," No. 3, 1932, pp. 157-158.

APPROVED ARSENOBENZENE COMPOUNDS.—Novostab—Boots (Boots Pure Drug Co., Ltd.) has been added to List 35 of the Ministry of Health; Neo-Salvarsan—Boots and Salvarsan—Boots have been deleted from the list.

United States Chemical Trade

Exports of chemicals for the first three months of 1932 show a decline of 26 per cent., with a total value of $25,029,000, against $33,841,000 during the same period of 1931. Imports during the same period declined 41 per cent., totalling $21,108,000, against $36,060,000 during January-March 1931. The chief items are:

(In thousands of dollars)

Item	Exports		Imports	
	1931	1932	1931	1932
Naval stores, gums, resins ..	3,135	2,582	3,583	2,912
Crude drugs and botanicals ..	541	251	1,420	1,300
Essential oils	386	371	970	799
Pyroxylin scrap, film base and scrap	199	587	—	—
Sulphur, crude and pyrites ..	1,749	1,867	336	174
Coal-tar products	2,595	2,240	2,729	2,222
Medicinal and pharmaceutical preparations	4,185	2,915	1,257	861
Industrial chemicals .. .	8,888	6,483	4,577	3,950
Pigments, paints and varnishes	4,113	2,838	435	377
Fertilisers and materials ..	3,882	2,580	17,262	5,746
Soaps and toilet preparations..	2,960	1,709	631	491

Imports of natural camphor, both crude and refined, more than doubled to 1,141,000 pounds, while values exceeded those of the corresponding period of 1931 by 82 per cent. and reached a total of $387,000. Incoming shipments of synthetic camphor, however, fell 19 per cent. to 500,000 pounds, valued at $135,500. In the trade in crude drugs and botanicals, the most important item to show improvement was that of pyrethrum flowers, imports of which trebled to 3,359,000 pounds, worth $369,500. Other commodities sharing in a better trade were liquorice extract, menthol, senna, and miscellaneous crude drugs and botanicals.

Essential Oil Trade Maintained

Somewhat larger amounts of essential oils were sent out of the country during the current quarter, although at a slightly lower value in some instances. Peppermint oil exports advanced from 5,700 pounds ($106,300) in the January-March 1931 period to 72,300 pounds ($120,400) in the 1932 months; orange oil, from 1,900 pounds ($6,400) to 7,100 pounds ($7,900); and all other essential oils except pine oil, from 335,300 pounds ($204,900) to 340,700 pounds ($148,600). Whereas incoming shipments of flower and perfume oils, for the most part, were somewhat higher in quantities received, those of citrus oils were reduced considerably. Lemon oil imports were down to 74,000 pounds ($56,300) and orange oil to 37,800 pounds ($33,900).

Synthetic Organic Chemicals

In the chemical trade most of the synthetic organic chemicals registered slight improvements. Those which made the largest gains were: Acetone and carbon tetrachloride, which doubled to 1,500,000 and 208,000 pounds, respectively; methanol, which advanced 85 per cent., to 174,000 gallons; carbon bisulphide, 36 per cent., to 629,000 pounds; and miscellaneous synthetic organic compounds, 72 per cent., to 738,000 pounds. Exports of citrate of lime, until recently an important import commodity, rose more than 120 per cent., to 2,118,000 pounds, valued at $190,800. Of the other industrial chemicals which gained, of chief importance, were exports of borax, to 50,864,000 pounds ($911,000); soda ash, to 5,915,000 pounds ($106,000); and textile specialty compounds, to 1,263,000 pounds ($74,000).

Cotton Growing in Africa

It is familiar knowledge how Lancashire's dependence on the United States for cotton supplies led to the consideration of the possibility of growing cotton in the British Empire. In Africa there had been the Egyptian varieties of cotton grown along the valley of the Nile, and, although one of the most interesting developments has been the opening-up of the Gezira area in the Sudan for the cultivation of high-grade Egyptian cotton, the lint from those countries affects only one class of mills and still leaves the great American section untouched, with its need for the shorter and coarser material provided by the American plantations. The need for stimulating Empire-grown cotton, finding suitable climatic conditions, and in addition carrying out research work on the problems to be faced, resulted in the formation of two organisations—the British Cotton-Growing Association and the Empire Cotton-Growing Corporation. To them is due the gradual spread of cotton growing through British Africa. Though both these bodies have the same object in view they have worked along different lines to achieve it. Generally speaking, the policy of the Association has been to encourage the natives of the various protectorates and colonies to include cotton amongst their crops by guaranteeing them a market for their produce. Ginneries have been erected to deal with the raw material brought in by the natives and the ginning and marketing of the lint has been the concern of the Association. American rain grown cotton is not a difficult crop for the native to grow at a profit. He can and does plant it amongst his maize, and after the latter crop is harvested very little more attention is necessary until the harvesting time when all his family can be put to pack the cotton and grade it ready for taking to the ginnery. With very little trouble, therefore, he can obtain money to pay his hut taxes and purchase some of the new goods to which the advent of the European has accustomed him.

Need for Research

Cotton, more than most cultivated plants grown from seed, will lose its characteristics very rapidly unless care is taken in the selection and perpetuation of the type required. Further, a type that is suitable in every way for one district may alter its entire characteristics or even fail completely in another district where conditions might be thought comparable.

It is here that the value of the work of the Empire Cotton-Growing Corporation lies, for with their staff of experts, most of whom have spent some time at Trinidad before going on to their experimental stations, they are able to attempt to solve the various problems that the grower is called upon to face. In South Africa, for instance, the jassid pest has done enormous harm to cotton growing, but they hope that they have now obtained a type of cotton that is resistant to this insect, in which case cotton growing will have a new lease of life in those areas. In Nyasaland the situation is perhaps even worse. What was considered to have been a very good variety of American cotton, called Nyasaland upland, has been allowed to revert until now it is doubtful whether a true specimen of Nyasaland upland exists. With this reversion has come the inability to hold the bolls so that a large percentage of the crop drops off immaturely. Boll-worm, a bad pest in that country, further devastates the plantations, which produce frequently only 30 to 50 lb. per acre instead of between 100 and 200 lb.

The Government and the Corporation have gradually bred up new types, and one at least of these offers considerable hope for the future, always provided the process of selection is continuous. The problem of the boll-worm will continue for a long time yet, probably, but in spite of that there is no reason why cotton growing should not be successfully conducted there again if the mistakes of the past are avoided in the future.

British Chemical Merchants' Meeting

THE trade luncheon, attended by a good gathering of members, preceding the ninth annual general meeting of the British Chemical and Dyestuffs Traders' Association, Ltd., was held at the Howard Hotel, Norfolk Street, Strand, London, W.C.2, on Wednesday, May 25. Mr. S. J. C. Mason occupied the chair, and was supported by Mr. Victor Blagden, the president, Mr. Harold Gilliat (Leeds), Mr. W. G. Wilson, Mr. A. E. Reed, and other members of the executive.

During the course of the luncheon, Mr. Victor Blagden, the president, in replying to the toast of "The President," which was admirably given by Mr. A. Home-Moreton, said that, despite the present rather difficult and disappointing times he was optimistic as regards the future welfare of chemical merchants. For some years their efforts to improve the trade of the country had been handicapped first by the introduction of amalgamations, syndicates and cartels; secondly, by Government and departmental interference; and, lastly, by a system of general tariffs. Already, it could be said that trusts and combines had been proved to be by no means successful, and he believed that movement had passed its zenith. Secondly, after many weary years in the wilderness the Government departments were now realising the importance and the usefulness of chemical merchants, and, as regards tariffs, it was, in his view, a movement of self-protection that may ultimately lead to the introduction of a world-wide system of free trade.

Annual General Meeting

The annual general meeting followed the luncheon. The statement of accounts as audited for the year ended December 31, 1931, was received and approved. The chairman then made his report on the year's work of the Association.

In the course of his speech, Mr. S. J. C. Mason (Bush, Beach & Gent, Ltd.), said:—I should like to take this opportunity of expressing my personal thanks to the officers and the members of the Council of the Association who have so freely given their time and interest. I would refer particularly to our president, Mr. Blagden, who has been good enough to represent this Association in our joint work with the British Standards Institution. Mr. Butler, one of our vice-presidents, has been unfailing in his active support. Mr. Reynolds, of Manchester, through ill-health, has not been able to be very much with us in person, but we are always assured of his keen interest and co-operation.

The Year's Work

Now regarding the year's work in general. Every day we receive innumerable inquiries about various trade matters; the constantly changing and increasing import duties and restrictions, etc., and we are constantly called upon to negotiate with the various Government departments on behalf of members. Government departments in general realise the standing and independence of the Association, and we are glad that we have been able so often to secure from the official quarters greater consideration and more prompt attention than can usually be commanded by the individual trader. During the past year the Association has done a good deal of work in connection with key industry duties, but of late we have had to concentrate particularly on the abnormal importations duty and the general tariff. When the question of tariffs came under consideration it was known to us that other interested parties were making representations and recommendations to the Board of Trade, and we were able to submit the views of the chemical merchanting industry, and, I believe, of many important consuming interests also.

The Dyestuffs Import Regulation Act completed a run of ten years early in 1931 and was renewed under circumstances known to us all. In the report from the Select Committee on Expiring Laws published during the year it was recommended that this Act should not be continued for a period longer than one year. The manner in which this Act has been operated has been adequately discussed on previous occasions. With a general tariff on dyestuffs now in operation I think the Government might well consider the propriety of removing the licensing restrictions.

Relations with Customs

On the question of import duties, whether under the Key Industry Act or general tariff, you will be glad to know that the Association pink form is still accepted by the Customs in place of Form C.105. This form was specially drawn up in an honest endeavour to give H.M. Customs the fullest information to which it was felt they were legally entitled, but without disclosing the particulars which appeared to us to be inquisitive and irrelevant demanded upon the ordinary Customs forms of entry and declaration. I believe that this Association has the unlimited confidence of H.M. Customs and other Government departments, and it is unnecessary for me to emphasise to all members how essential it is that we should continue to justify this confidence by the most scrupulous and honourable exactitude in the information which we are called upon to furnish.

Owing to the abandonment of the gold standard various questions and difficulties have arisen, and in connection with shipping freights, port rates and so on. The Association has been able to do valuable work in connection with settling disputes arising out of these questions, and obtaining an equitable regularisation of rates.

The General Tariff

The imposition of the general tariff, in which considerable changes will no doubt take place during the coming year, tends to make the position of the individual trader more and more difficult. It has already been proposed to add a number of products to the free list, and similar movements may be expected in the future. On the other hand, efforts are being made to induce the Advisory Committee to recommend an increase in the duty from the general flat rate of 10 per cent. in respect of a wide range of chemical and allied products. In connection with these applications for additional duties, which, if they succeed, are bound to affect our interests and the trade of the country generally, the Advisory Committee has stated that interested parties desiring to make representations to them should do so through their trade association. The work of the Association during the coming year is therefore certain to be particularly important. With all the various trade restrictions that are at present operating and the continual changes that will take place in the future, and with world-wide tendency towards centralisation, it is vital to your interests, individually and collectively, that you should have at your service a trade association of the strongest possible character. The Chairman concluded his report with a tribute to the able manner in which the secretary, Mr. Page, had carried out his duties. The report was unanimously adopted.

Election of Officers

The following officers were elected for the ensuing year:—*President*, Mr. Victor Blagden; *Vice-Presidents*, Mr. Fredk. T. T. Reynolds and Mr. A. F. Butler; *Chairman*, Mr. S. J. C. Mason; *Vice-Chairman*, Mr. Harold Gilliat (Leeds); *Hon. Treasurer*, Mr. H. A. Berens; *Hon. Auditor*, Mr. A. Hughes; *Executive Council*, Mr. F. P. Bayley (Bayley, Clanahan & Co., Manchester), Mr. P. F. Berk (F. W. Berk & Co., Ltd., London), Mr. A E. Reed (A. Elder Reed & Co., Ltd., London), and Mr S. C. Cox (Taylor Bros. & Cox, Ltd., London).

The business of the meeting closed with a vote of thanks to the Chairman, who briefly replied.

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

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It is not possible to record any marked and general improvement in the markets, but at the same time business continues to be done on a strictly limited scale, and mostly at keen prices. Despite the prolonged period of dull markets, values are showing no appreciable change, and except for removals of import duties little or no further decline is anticipated. Sterling shows some slight appreciation on the week, and is a firm feature in the international currency market. In the pharmaceutical chemical market the exceedingly cheap offers of Continental caffeine, pure, continue, while citrate is holding fairly steady. Some disturbance to lower prices for phenolphthalein is recorded. Mercurials are again reduced by a handsome cut. Business in crude drugs remains rather disappointing, about the only improvement to record being activity in menthol for shipment at advanced rates. Agar-agar is again easier and still dull. A general upset in the essential oils market has been caused by the official notice that the question of removing the general tariff duty of ten per cent. from some of the most important oils is being considered. The spot markets for the products in question immediately weakened, and business is practically suspended pending publication of the Committee's decision. This persistent infliction and removal of import duties is making business very difficult, and the possibility of other oils being added to the free list is holding-up business in many directions. In fixed oils business has been limited, with further losses recorded in castor and coconut oils. Palm oils are steadier and American turpentine shows a further advance. Coal-tar products are keeping steady on quotation with indications of a shortage of pitch for next season.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

Centre	Quoted	Par	May 26	Value of the £
Amsterdam ..	Fl. to £	12.107	9.09½	15/0¼
Berlin.. ..	Mks. to £	20.43	15.57½	15/3
Brussels ..	Belga to £	35	26⅜	15/0½
Copenhagen ..	Kr. to £	18.159	18.35	20/2½
Lisbon ..	Esc. to £	110	110	20/–
Madrid ..	Ptas. to £	25.22½	44⅜	35/11
Milan	Lire to £	92.46	71¾	15/3¾
Montreal ..	Dol. to £	4.86⅔	4.22½	17/4½
New York ..	Dol. to £	4.86⅔	3.69½	15/2¼
Oslo	Kr. to £	18.159	20½	22/2
Paris	Fr. to £	124.21	93⅜	15/0½
Prague ..	Kr. to £	164.25	124	15/10½
Stockholm ..	Kr. to £	18.159	19 17/32	21/5¾
Warsaw ..	Zloty to £	43.38	33	15/2
Zurich ..	Fr. to £	25.2215	18.82½	14/11¼

Bank rate 2½ per cent.

Pharmaceutical Chemicals, etc.

A steady but limited volume of business is being done and prices are being generally maintained. Continental caffeine is quoted at very low figures on spot. Phenolphthalein is a keenly competitive market. The demand for salicylates continues fairly satisfactory. Mercurials are again cheaper.

Acetanilid continues steady, with the market still rather quiet: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb. as to quantity.

Amidol meets with a moderate business, with the market steady: 56 lb., 7s. 3d.; 28 lb., 7s. 6d.; 14 lb., 7s. 11d. per lb., in 7-lb. tins.

Amidopyrin.—Inquiry is limited, with dealers' spot prices about unchanged: crystals, five cwt., 17s. 1d.; two cwt., 17s. 3d.; less than two cwt., 17s. 8d. per lb., with powder 2d. per lb. extra.

Ammonium ichthosulphonate has been rather quiet, but the market is steady and unchanged: one cwt., 1s. 7d., in 14-lb. tins; 1s. 8d. in 1-lb. tins; 1s. 10d. in 8-oz. tins; and 2s. per lb. in 4-oz. tins, with higher prices for smaller quantities.

Aspirin.—A steady flow of orders continues to be received and the market is well maintained. Home trade: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d.; 28 lb., 2s. 9d.; 14 lb., 2s. 10d.; 7 lb., 3s.; 1 lb., 3s. 4d. per lb. Export to Colonies and British Possessions: ten cwt., 2s. 7d.; five cwt., 2s. 8d.; one cwt., 2s. 8½d. per lb. f.o.b.; less than one cwt., 2s. 9d. per lb., ex works.

Barbitone.—Spot business is slow and dealers' prices are keen: spot, two cwt., 10s. 7d.; one cwt., 10s. 8d.; 56 lb., 10s. 10d.; smaller parcels, up to 11s. 3d. per lb.

Benzoic acid (B.P.).—A fair volume of business is being done and the market is about steady: quantities, ex works, 1s. 10½d.; spot parcels, 1s. 11d. to 2s. per lb., ex store, as to quantity.

Bromides.—Business has been rather slow and competition is rather keen, with home makers meeting the market: ammonium, not less than five cwt., 1s. 8d.; one cwt., 1s. 9d.; smaller quantities, 2s. per lb.; potassium, B.P. crystals and granular, not less than five cwt., 1s. 5d.; one cwt., 1s. 6d.; smaller quantities, 1s. 9d. per lb.; sodium, B.P., not less than five cwt., 1s. 7d.; one cwt., 1s. 8d.; smaller quantities, 1s. 11d. per lb. Special prices for bulk quantities.

Caffeine.—The fierce competition between Continental sources continues and sales prices have reached very low figures, with pure, in cwt. lots, about 5s. 3d.; citrate is about steady and unchanged at 4s. 6d. per lb. for cwt. lots.

Calcium lactate is steady, while business is rather quiet: spot, 1s. 2d. to 1s. 5d. per lb. as to quantity.

Chloral hydrate.—There is no change in home makers' prices for this market: duty-paid crystals, in 14-lb. containers, ten cwt., 3s.; five cwt., 3s. 0½d.; one cwt., 3s. 1½d.; 56 lb., 3s. 2½d.; 28 lb., 3s. 3d. per lb., and in 28-lb. jars one penny per lb. extra.

Citric acid (B.P. crystals).—Home makers' price for this market is steady as quoted at 1s. 1d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at competitive prices.

Cream of tartar.—British makers' price for this market is unchanged at 104s. per cwt., less 2½ per cent. discount, nominal and without engagement. Dealers are quoting at competitive figures.

Creosote (B.P.).—Quantities in demijohns are quoted from 2s. 1¾d. per lb., with small lots up to 2s. 3d. per lb. Market is dull.

Ether (methylated).—Home makers' prices are as follows: s.g. 0.750. 1s. 1½d.; 0.735, 1s. 2d.; 0.730, 1s. 2d.; 0.725, 1s. 4d. per lb., in w-qts; 12 w-qts, halfpenny less, and packed in drums or carboys 1d. less.

Guaiacol carbonate is not in much request on spot; dealers' prices are keen: five cwt., 7s. 7d.; two cwt., 7s. 9d.; one cwt., 7s. 11d.; smaller quantities, up to 8s. 3d. per lb.

Hexamine.—Business is only moderate and competition is keen for important quantities: free-running crystals, spot, from 2s. 3¾d. to 2s. 8d. per lb., as to quantity.

Hydroquinone.—Dealers' prices are quoted unchanged and business is fairly good: ten cwt., 4s. 8¾d.; five cwt., 4s. 9½d.; two cwt., 4s. 10½d.; one cwt., 4s. 10¾d.; 56 lb., 4s. 11¾d.; 28 lb., 5s. 1¾d.; 14 lb., 5s. 3½d.; 7 lb., 5s. 5½d. per lb., carriage paid. Wholesale distributors' prices for smaller quantities at higher prices.

Iodides.—Makers' prices are as follows: Potassium iodide, B.P.: one cwt., 17s. 4d.; 28 lb., 17s. 7d.; 14 lb., 17s. 10d.; 7 lb., 18s. 10d.; 4 lb., 19s. 7d.; smaller quantities, 20s. 4d. per lb.; sodium iodide, B.P.: 28 lb., 18s. 9d.; 14 lb., 19s. 3d.; smaller quantities, 19s. 9d. per lb.; iodine resub., B.P.: one cwt., 20s. 1d.; 28 lb., 20s. 4d.; 14 lb., 20s. 10d.; smaller quantities, 21s. 4d. per lb.; iodoform, B.P. cryst. precip. or powder: 28 lb., 23s. 1d.; 14 lb., 23s. 7d.; smaller quantities, 24s. 4d. per lb. In quantities not less than one cwt. (which may be taken assorted), containers of 28 lb.

and outer packages are free. Carriage paid. Quoted without engagement. Rebates: for 10 cwt. and over, in one or more deliveries or on contract over four months: potassium iodide, 7d.; sodium iodide, iodine resub. and iodoform, 4d. per lb.; for five cwt., rebate of 4d. and 3d. per lb. One cwt. contracts, deliveries of any of the salts (which may be taken in any quantity) are invoiced at 3d. per lb. above the minimum price, and the whole quantity becomes subject to 3d. per lb. rebate on completion.

LACTIC ACID (B.P.).—A steady business continues, for which home makers and importers are competing: bulk quantities in carboys, 1s. 5½d. to 1s. 6d.; smaller quantities in demijohns and winchesters, 1s. 7d. to 1s. 8½d. per lb., carriage paid.

MERCURIALS.—Makers notify further reductions from 6d. to 1s. 3d. per lb., to the following prices:—

—	Under 112 lb.	Not less than 112 lb.
	Per lb. s. d.	Per lb. s. d.
Ammoniated lump, B.P. (white precip.)	5 2	5 1
,, powder, B.P.	5 4	5 3
Bichloride lump, B.P. (corros. sub.) ..	4 6	4 5
,, powder, B.P.	4 2	4 1
Chloride, B.P. (calomel)	5 3	5 2
Red oxide cryst., B.P. (red precip.) ..	6 5	6 4
,, ,, levig., B.P.	5 11	5 10
Yellow oxide, B.P.	5 9	5 8
Persulphate white, B.P.C.	5 5	5 4
Sulphide black (hyd. sulph. cum sulph. 50 per cent.)	5 2	5 1

Net, without engagement. Special prices for larger quantities and for contracts deliverable during three months.

METHYL SALICYLATE (B.P.).—This market continues quite steady and business is satisfactory; makers' and dealers' prices are competitive: one ton and over, 1s. 4½d.; ten cwt., 1s. 5d.; five cwt., 1s. 5½d.; one cwt., 1s. 6d.; less than one cwt., 1s. 6½d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—Business is slow and dealers' spot values are rather below replacement costs: two cwt., 18s. 1d.; one cwt., 18s. 7d.; 56 lb., 19s. 2d.; small parcels, 19s. 6d. per lb.

METOL.—The market is quoted unchanged and business on small lines is fairly good: 56 lb., 9s. 3d.; 28 lb., 9s. 6d.; 14 lb., 9s. 9d.; 7 lb., 10s. 9d. per lb., in tins, bottles extra. Wholesale distributors' prices for small quantities in bottles at higher prices.

MILK SUGAR.—Business is not of much account, with Continental material offered at keen prices: one ton, 54s. 6d.; ten cwt., 55s. 6d.; two cwt., 56s. 6d. per cwt., in two-cwt. cases.

PARAFORMALDEHYDE meets with a moderate business with competition keen: 100 per cent. powder, large quantities in kegs, from 1s. 2d.; smaller parcels up to 1s. 5d. per lb.

PARALDEHYDE has shown a little more life and the market is steady: bulk quantities, in carboys, 1s. 1d. to 1s. 1½d.; in winchesters, 1s. 4d.; smaller quantities, up to 1s. 6d. per lb.

PHENACETIN.—Isolated cheap spot offers are on the market; business is quiet; dearer to come forward: crystals, ten cwt., 5s. 3d.; five cwt., 5s. 4d.: two cwt., 5s. 5d.; and less, 6s. per lb., with powder 2d. per lb. extra.

PHENAZONE remains rather dull, with dealers' spot prices varying to some extent; dearer to come forward: crystals, ten cwt., 9s.; five cwt., 9s. 3d.; two cwt., 9s. 5d.; and less, 9s. 9d. per lb., with powder 2d. per lb. extra.

PHENOLPHTHALEIN.—Competition for business has been very keen this week, and prices recorded are on a lower level. At the moment the market is disturbed, but is likely to recover, and fixed prices may operate.

PHENYL ETHYL BARBITURIC.—The new sterling prices recorded last week are maintained: one cwt., 50s.; 56 lb., 51s. 6d.; 28 lb., 53s.; smaller parcels, 54s. 6d. per lb., in 2-lb. bottles; smaller packing extra. Same prices are quoted for sodium.

POTASSIUM PERMANGANATE (B.P.).—A steady demand for the smaller quantities is being received: bulk lots, in drums, 8⅞d. to 9d.; druggists' parcels, 9¼d. to 9¾d. per lb. as to quantity.

POTASSIUM SULPHOGUAIACOLATE is quoted by dealers from 4s. 8d. to 5s. per lb., as to quantity, spot; market is dull.

PYROGALLIC ACID.—Home makers' prices are steady and business is fairly good: one cwt., 6s. 9d.; 56 lb., 7s.; 28 lb., 7s. 3d.; 14 lb., 7s. 9d.; 7 lb., 8s. 6d. per lb., in 7-lb. tins.

QUININE SULPHATE.—The Convention price for this market is steady at 2s. 3d. per oz., carriage paid on bulk quantities.

RESORCIN.—The market is dull and quoted unchanged: crystals, one cwt., 4s. 6d.; 56lb., 4s. 7d.; 28 lb., 4s. 8d.; 14 lb., 4s. 10d.; 7 lb., 5s.; less than 7 lb., 5s. 6d. per lb., with powder 3d. per lb. extra.

ROCHELLE SALTS.—Makers' prices are as follows: five cwt. or over, in one delivery, 87s. 6d.; less than five cwt., 90s.; less than one cwt., 92s. 6d. per cwt., carriage paid. Pulv. seidlitz, five cwt. or over, in one delivery, 70s.; less than five cwt., 71s. 9d.; less than one cwt., 73s. 9d.; double, 77s. 6d., 79s. 9d., and 81s. 9d. per cwt., carriage paid.

SALICYLIC ACID (B.P.).—The market is steady and business is fair: one ton, 1s. 5d.; ten cwt.,, 1s. 5½d.; five cwt., 1s. 6d.; one cwt., 1s. 6½d.; small parcels, up to 2s. per lb.

SALOL.—Spot prices are about maintained, with business slow: crystals, two cwt., 5s. 7d.; one cwt., 5s. 9¼d.; 56 lb., 5s. 10½d.; smaller parcels, 6s. per lb.; powder, 2d. per lb. extra.

SANTONIN.—Very keen prices are being quoted for important business, and home makers are meeting the market.

SODIUM BENZOATE (B.P.) is in very fair demand and the market is competitive: spot, bulk quantities, from 1s. 7¼d. up to 2s. per lb. for small parcels.

SODIUM DIETHYLBARBITURATE.—Dealers' spot values are under replacement cost; business is limited: one cwt., 12s. 8d.; 56 lb., 12s. 11d.; 28 lb., 13s. 1½d.; 14 lb., 13s. 3d.; smaller quantities, up to 13s. 9d. per lb.

SODIUM SALICYLATE (B.P.).—Business is fairly satisfactory, with makers' and dealers' prices steady at competitive figures. Home trade: powder, two tons, 1s. 10d.; one ton, 1s. 10½d.; ten cwt., 1s. 11d.; five cwt., 1s. 11½d.; one cwt., 2s.; 28 lb., 2s. 1d.; 14 lb., 2s. 3d. per lb., with crystals 1d. per lb., extra; higher prices for smaller quantities.

SULPHONAL.—Spot offers vary and are generally below replacement costs; business is quiet: crystals, two cwt., 14s. 6d.; one cwt., 14s. 11d.; 56 lb., 15s. 3d.; small parcels, up to 15s. 9d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Home makers' quoted price for this market shows a reduction as now mentioned at 1s. 1d. per lb., less 5 per cent. discount, nominal and without engagement. Dealers are offering at competitive prices.

THEOBROMINE.—Continental material is available at very cheap figures and the market is still irregular.

THYMOL.—The cheaper prices quoted last week are difficult to obtain for synthetic material; business slow: synthetic, fine white, one cwt., 5s. 10½d.; 56 lb., 6s.; 28 lb., 6s. 1½d.; 14 lb., 6s. 3d. per lb.; ex ajowan, one cwt., 7s. 6d.; 56 lb., 7s. 7½d.; 28 lb., 7s. 9d.; 14 lb., 8s. per lb.

VANILLIN.—A moderate business is being done and there is very little second-hand material available: ex guaiacol, one ton, 14s. 3d.; ten cwt., 14s. 6d.; five cwt., 14s. 9d.; three cwt., 15s.; one cwt., 15s. 3d.; 56 lb., 15s. 6d.; 28 lb., 15s. 9d.; 14 lb., 16s.; less, 16s. 3d. per lb.; ex clove oil, 16s. to 18s. per lb. as to quantity, from one ton to less than 14 lb.

Crude Drugs, etc.

BUSINESS in crude drugs, with a few exceptions, such as menthol, has been slow. A report of the drug auctions held this morning is given at the end of the trade report.

AGAR-AGAR.—The market has remained very slack and both spot and shipment quotations are easier, closing unsteady. Spot, Kobe No. 1, 3s. 5d. No. 2, 3s. 3d.; Yokohama No. 1, 3s. 3d. per lb.; shipment, Kobe No. 1, 2s. 5½d.; No. 2, 2s. 2½d.; Yokohama No. 1, 2s. 2½d. per lb., c.i.f.

ANTIMONY.—The market has been dull and is quoted unchanged. Chinese crude, spot, £16; shipment, £14, c.i.f. Chinese oxide, spot, £27; shipment, £20, c.i.f.

BALSAMS.—Business has been slow, but *Tolu* is about steady on spot at 3s. 5d. per lb.

BURDOCK ROOT.—Dealers are offering spot supplies at about 40s. per cwt.

CAMPHOR.—The market for Japanese has been dull and prices are somewhat easier. Spot, slabs, 2s. 5d.; flowers, nominal; tablets, 3s. 1½d. per lb.; shipment, slabs, 1s. 10d.; flowers, 1s. 10½d.; tablets, 2s. 4d. per lb., c.i.f. English refined camphor is quoted by makers as follows: flowers, one cwt., 3s. 4d.; 28 lb., 3s. 5d.; small lots, 3s. 6d. per lb. Transparent tablets: 4 oz., 8 oz., 16 oz., 3s. 7d.; 1 oz., 2 oz., 3s. 8d.; ½ oz., ⅓ and ¼ oz., 3s. 9d. per lb. Special rates apply for quantities and contracts. Quoted without engagement.

CASCARA SAGRADA.—The shipment quotation for new crop 1932 peel is about 42s. 6d. per cwt., c.i.f.

CLOVES.—Business has been slow and prices are barely maintained. Zanzibar, spot, 7⅜d.; shipment, June, 7¼d.; July-August, 7¼d. per lb., c.i.f Madagascar, spot, 7¾d.

The landings of Zanzibar in London during the week ended May 21 were *nil* and the deliveries two, leaving a stock of 2,219, against 685 in 1931. From January 1 to date landings of Zanzibar have been 4,325, against 767 in 1931, and the deliveries 4,094, against 1,095 in 1931. Landings of Madagascar for the week ended May 21 were *nil* and the deliveries two, leaving a stock of 1,601, against 1,012 in 1931. Landings of Madagascar this year to date have been 782, against 1,545 in 1931, and the deliveries 188, against 1,439 in 1931.

COCOA BUTTER is rather easier and business has been slow: quoted from 9½d. to 10½d. per lb., as to quantity.

COCONUT (DESICCATED).—The market has been slack and quoted prices are slightly easier: spot, fine, 24s. 6d.; medium, 24s.; shipment, June, 20s. 6d. per cwt., c.i.f., sellers.

COD-LIVER OIL.—Finmarken fishing was a little better last week. The catch of cod to May 23 was 153,100 tons, against 122,100 tons in 1931, 189,952 tons in 1930 and 218,792 tons in 1929. Oil production to May 23 totals 89,134 hectol, against 57,254 hectol in 1931, 77,507 hectol in 1930 and 87,393 hectol in 1929. Exports to May 23 totalled 32,000 barrels, against 30,000 at the same time last year. Finest Lofoten steam-refined, non-freezing medicinal oil, 84s. per barrel, c.i.f. Spot, about 102s. 6d. per barrel, duty paid, ex wharf. Some brands may be cheaper.

COLCHICUM.—Root is reported to be scarce and is quoted dearer at about 75s. per cwt. Reports from origin state there will be little, if any, crop this year.

DAMIANA LEAVES.—Spot quotations are unchanged in the region of 10½d. per lb.

ERGOT.—Russian is quoted as follows: less than ten cwt., 1s. 9d.; ten cwt. to one ton, 1s. 7½d.; one ton and over, 1s. 6½d. per lb., ex warehouse, duty paid; for export, a rebate of 1¾d. per lb. on the above scale, ex bonded warehouse.

GELATIN.—A limited business continues to be transacted and quoted prices are maintained: spot, gold leaf, 1s. 11d.; silver leaf, 1s. 9d.; bronze leaf, 1s. 6d.; thin leaf, 1s. 5d. per lb., in cwt. cases.

GENTIAN.—A fair business is reported at previous rates of about 45s. per cwt.

GINGER.—The market has been dull and is quoted easier: West African, spot, 23s.; for arrival, sellers at 21s. per cwt., c.i.f.

HENBANE.—Dealers' prices for spot supplies are at about 42s. 6d. per cwt.

HENNA LEAVES.—Supplies are free and the demand slow: quoted from about 25s. to 35s., as to quality.

HYDRASTIS.—Dealers are quoting spot at about 4s. 6d. per lb., but there is only a small business moving.

LYCOPODIUM.—Spot supplies of treble sifted are quoted at about 3s. 6d. per lb.

MENTHOL.—The market shows a sharp recovery and business for shipment has been done on a fair scale. K/S brands, 14s. 4½d. per lb., and less for bulk quantities. Shipment is dearer and firm, with June-July, 11s. 3d.; August-September, 11s. 3d. per lb., c.i.f.

MERCURY.—The shipment figure for Spanish-Italian is nominal. Spot continues to weaken, with the market unsteady and flat: quoted from £13 10s. to £13 17s. 6d. per bottle, ex warehouse, duty paid.

PEPPER.—The market has remained quiet throughout and quoted values for all grades are fractionally easier. Lampong, spot, 6⅜d.; afloat, 5½d.; shipment, May-July, 5⅛d.; August-October, 4¾d., buyers, c.i.f. Tellicherry, spot, 7¼d.; Aleppy, spot, 7⅛d., sellers. White Muntok, spot, 6¾d.; afloat, 5¾d. paid; May-July, 5¾d.; August-October, 5¾d. sold, c.i.f.

PIMENTO.—The market has been very quiet but is fairly steady. Spot, 2½d. per lb.; shipment, June-July, 20s. 6d. sellers, c.i.f.

RUBBER.—After a further week of poor business the market shows a loss on the week, but closes steady. Total U.K. stocks, 119,189 tons, compared with 139,581 tons a year ago. World stocks at April 30 totalled 614,730 tons, against 532,995 tons at April 30, 1931. Standard ribbed smoked sheet, sellers, spot, 1⅞d.; May, 1⅞d.; June, 1⅞d.; July-September, 1 15/16d.; October-December, 2d.; January-March 1933, 2 1/16d.; April-June, 2⅛d.

SAFFRON.—The recent advances are well maintained, with the shipment market firm: spot, prime B.P., 55s. 9d.; extra B.P., 50s. 9d.; super B.P., 49s. 9d. per lb., and slightly less for bulk quantities.

SEEDS.—ANISE.—Spanish, 52s. 6d.; Bulgarian, 37s. 6d.; Russian, 34s. per cwt. on spot. CANARY.—Very little interest shown: Mazagan, 16s. 6d.; Tangier, 14s. 6d.; Knitra, 14s. LINSEED.—Spot, Mazagan, 15s.; Morocco, 14s. 3d. CORIANDER.—Morocco 1929 crop offering at 16s. 9d. spot; worm, 15s. CUMIN.—Malta, old crop, spot, 37s. 6d.; Morocco, 27s. 6d.; shipment, 25s., c.i.f. FENUGREEK.—Tunisian, 16s.; Morocco, 15s. spot. CARAWAY.—Dutch, on spot, offering at 31s. 6d. MUSTARD.—English, 22s. to 32s. 6d. per cwt., according to quality.

SENEGA.—The spot figure continues in the region of 1s. 7½d. per lb., with the market tending steadier.

SHELLAC.—The market has been dull and is still rather unsteady. Spot, standard TN orange, 55s.; fine orange, 62s. to 125s.; pure button, 67s. 6d. per cwt.; for delivery, TN orange, sellers, August, 48s.; October, 49s.; for arrival, TN orange, sellers, May-July, 43s. 6d. per cwt., c.i.f.

SQUILL.—Dealers are offering spot supplies at about 20s. to 27s. per cwt., as to quality.

VALERIAN ROOT.—The spot quotation is in the region of 37s. 6d. per cwt.

WAX (VARIOUS).—With the exception of Japanese wax, which is easier, these products are about steady, with business quiet. JAPANESE, on spot, is easier at 52s. 6d. per cwt., and the market remains dull. CARNAUBA, fatty grey and chalky grey is at 70s.; medium yellow, steady, 140s.; fine yellow, 150s. CANDELILLA is unchanged at 90s. per cwt.; SPERMACETI, steady at 9¼d. per lb. spot; PARAFFIN is about steady from 22s. 6d. to 50s. per cwt. as to melting point. CERESIN is quoted from 35s. to 80s. per cwt. as to colour and melting point. BEES' is about unchanged, with the market dull; bleached, discs, £7 12s. 6d.; slabs, £7 7s. 6d.; yellow refined, £5 12s. 6d.; yellow crude, 97s. 6d. per cwt., spot.

Essential Oils, etc.

THE spot markets for the important oils mentioned in the official notice proposing to remove the import duty are nominal, and business is at a standstill for the time being. Japanese peppermint is dearer for shipment. Wormseed is much cheaper. Business generally is moving on a limited scale.

ALMOND remains rather dull with spot values unchanged: genuine s.a.p., 8s.; sweet almond, 2s. per lb.

ANISE (STAR).—The market has shown little life this week: spot is nominally unchanged and shipment a point easier: spot, "Red Ship," in leads, 2s. 1½d.; in tins, 2s.; in drums, 1s. 10d.; shipment, in leads, 1s. 7½d.; in tins, 1s. 6½d.; in drums, 1s. 5¾d. per lb. c.i.f.

BERGAMOT.—The Consortium shipment price for this market remains at 10s. 6d. per lb., c.i.f., with some cheaper outside offers. Spot is tending easier with the proposal to allow free imports; quoted about 10s. 3d. to 10s. 6d. per lb., as to quantity and brand. The market is dull.

BOIS DE ROSE.—Although spot values have shown a recent sharp recovery, the proposal to remove the import duty has made the market nominal with sales a matter of negotiation.

CAJUPUT has been rather dull with dealers quoting spot at about 2s. 9d. per lb.

CARAWAY.—Business is still rather restricted and material is freely offered: Continental, twice-rectified, 8s. 6d. to 8s. 9d. per lb., as to quantity.

CASSIA seems to be steadier with spot at about 4s. per lb., for quantities: business has been slightly better. Shipment is at the better figure of 3s. 2d. per lb., c.i.f.

CEDARWOOD.—A moderate business has been passing with the market competitive: bulk quantities in drums, 1s. 9½d.; smaller parcels, up to 1s. 11d. per lb.

CINNAMON LEAF remains dull with dealers' spot quotation in the region of 3s. 4d. per lb.

CITRONELLA.—The proposal which has been notified to remove the general tariff on Java had the immediate effect of stopping all spot business, and prices are more or less nominal at from 2s. 6d. per lb.: shipment is about 2s. 4½d. per lb., c.i.f. Ceylon is quoted unchanged with spot 1s. 7½d., and shipment, 1s. 6¼d. per lb., c.i.f.

CLOVE continues unchanged and business has been about average: English, 90 to 92 per cent., in cwt. lots, 4s. 6d. per lb. Madagascar, 3s. 9d. to 4s. per lb., as to quantity, spot.

EUCALYPTUS.—At competitive prices a fair volume of business has been transacted: Australian, 70 to 75 per

cent., 1s. to 1s. 0½d.; 80 to 85 per cent., 1s. 1½d. to 1s. 2d. per lb; Spanish, 70 to 75 per cent., about 1s. 2d. per lb.

GERANIUM.—The probable removal of the ten per cent. import duty has had the effect of weakening the spot market for Bourbon, which is now nominally at about 25s. 6d. per lb.; business is negligible.

GINGERGRASS does not meet with much business, dealers quoting spot in the region of 7s. per lb.

JUNIPER BERRY (B.P.) is meeting with only a limited inquiry: spot is quoted at about 4s. 9d. per lb. for fair quantities.

LAVENDER.—The spot market is nominal and is likely to remain so until it is definitely known that the import duty is to be removed. The tendency is naturally for landed values to weaken.

LEMON.—The proposal to remove the ten per cent. duty on imports of foreign origin has naturally upset the spot market, but as spot prices have been under the comparative c.i.f. prices the market is not likely to decline the full ten per cent. Shipment prices are generally unchanged with Sicilian hand-pressed 4s. to 4s. 10d. per lb., c.i.f. Californian, spot, 62 cents per lb., in drums.

LEMONGRASS remains rather dull and easy as quoted at 2s. per lb., for fair quantities: shipment, about 1s. 10d. per lb., c.i.f.

LIME meets with a fair inquiry, and the market is steadily quoted from 36s. to 37s. 6d. per lb., as to quantity.

MANDARIN is steady on spot at 16s. 3d. with the shipment price showing a further slight advance at 14s. 6d. per lb., c.i.f.

ORANGE.—There has been very little interest on spot. Sicilian sweet is about 7s. 6d. to 7s. 9d. per lb., spot, and 6s. 9d. per lb., c.i.f. French Colonial, 5s. 11d. per lb., c.i.f. West Indian, hand-pressed, 5s. 6d. per lb., c.i.f. Californian, spot, 82 to 92 cents per lb., as to quantity.

PALMAROSA.—Dealers' price for spot supplies is maintained at 8s. 6d. per lb.: business is very limited.

PEPPERMINT.—The shipment market for Japanese dementholised shows a sharp recovery and business has been fairly good: June-July, 3s. 7½d.; August-September, 3s. 8d. per lb., c.i.f. Spot is nominal with the proposal to remove the import duty at about 4s. 1½d. per lb. American oil is quoted at 1 dolar 35 cents, c.i.f.

PETITGRAIN shows no change, with spot quoted at about 4s. to 4s. 2d. per lb., as to quantity.

ROSEMARY.—The market is about maintained at the former rates of 1s. 9d. to 2s. per lb., as to quantity. Business is limited.

SASSAFRAS.—The spot quotation is about 5s. per lb., with slightly less for bulk quantities: market remains dull.

SPEARMINT is holding on spot at the quoted rates of 7s. 7d to 7s. 9d. per lb., as to quantity; business is slow.

SPIKE.—It is assumed that the import duty will be removed under the proposal to make lavender a free import. The spot market is nominal. The shipment market for Spanish is easier, with new crop August-September shipment at about 2s. 8d. to 2s. 9d. per lb., c.i.f.

WINTERGREEN.—Genuine oil is quoted on spot at about 7s. 6d. per lb. for fair quantities.

WORMSEED has remained slack; dealers' spot prices are much cheaper at about 10s. 6d. per lb.

Coal Tar Products, etc.

CONDITIONS in this market are fairly steady and some products are receiving good inquiry, while others remain dull. Creosote oil has been moving for home consumption, while cresylic acid remains dull. BENZOL.—The market is about steady and business is normal: standard motor 90's, 1s. 4½d. per gallon, in tank wagons, ex works; pure, 1s. 10¾d. to 1s. 11½d. per gallon. CARBOLIC ACID CRYSTALS (39° to 40° C.).—Supplies are now adequate with the demand limited; quoted from 6d. to 7d. per lb., in drums with over casks, carriage paid or f.o.b.; crude carbolic 60's, 1s. 7d. to 1s. 9d. per gallon, naked at works. CRESYLIC ACID remains rather dull with values at low levels: pale 99 to 100 per cent., 1s. 5d.; dark 95 per cent., 1s. 1½d.; special qualities, 2s. 2d. to 2s. 6d. per gallon, ex works. American duty-free acid, 1s. 4d. to 1s. 6d. per gallon, f.o.b. CREOSOTE OIL.—Business has been good for home trade, and the market is steady at 4⅞d. to 5½d. per gallon, f.o.r. works. KEROSENE continues steady with the market quiet: water white, 11½d.; standard white, 10½d. per gallon, in barrels, ex wharf, London; in bulk, 3d. per gallon less. MOTOR SPIRIT.—National distributors' prices are unchanged: No. 1, 1s. 3½d. per gallon, delivered in bulk for England, Wales and South Scotland; 1s. 4d. for Belfast, and 1s. 4½d. for remainder of Northern Ireland and North Scotland; 1s. 0½d. for Irish Free State, with Dublin 11½d. per gallon; No. 3 spirit, 2d. per gallon less, and aviation spirit, 4d. per gallon more in all cases; 1d. to 2d. per gallon more in two-gallon tins, as to district. NAPHTHALENE is quoted unchanged, and supplies are limited: balls, £16 to £16 7s. 6d. per ton, in cases. PITCH.—The quotation for next season is firmly maintained at 87s. 6d. to 90s. per ton, f.o.b. East Coast. SOLVENT NAPHTHAS.—Business has been poor and the market is slightly easier: 90 to 160, 1s. 3d.; heavy, 90 to 190, 1s. per gallon, naked at works. TOLUOL has been on the quiet side, but is fairly steady: commercial 90's 2s. 1d. to 2s. 2d.; pure, 2s. 7d. per gallon, ex works, in bulk quantities, London. XYLOL is steady but business is quiet: commercial, 1s. 10d.; pure, 1s. 11½d. per gallon, ex works, in bulk quantities, London.

Fixed Oils, etc.

BUSINESS has remained quiet in most products, and prices are barely maintained. Castor and coconut oils are slightly easier. American turpentine is firm. Palm oils are steadier. ACID OILS.—The market is about steady; business quiet: coconut and/or palm kernel, 22s. 6d.; groundnut, 21s. 6d. soya, 15s. 3d., spot. CASTOR.—A further slight decline in values is recorded; business remains dull: pharmaceutical, 42s. 6d.; first pressings, 37s. 6d.; second pressings, 35s. 6d. (barrels); cases £4 per ton extra, ex mills, Hull, not less than one-ton lots; Bombay, 32s. (drums), c.i.f. nominal. COCOANUT.—Prices are slightly easier with the market dull: deodorised, 33s. 3d. (barrels), spot; Ceylon, 23s. 3d. (drums), c.i.f. COTTON is steadier after the recent weakness, but business is far below normal: deodorised, 26s.; common edible, 24s.; soapmaking, 22s. 6d.; crude, 21s. (barrels), spot. GROUNDNUT has been quiet but values are about maintained: deodorised, 41s. 3d. (barrels), spot; crude Oriental, 36s. (drums), c.i.f. LINSEED (RAW, NAKED).—The market has been exceedingly quiet, but values are quoted about unchanged: on spot, 14s. 6d.; June, 12s. 9d.; July-August, 13s.; September-December, 13s. 7½d.; January-April, 14s. 6d. Boiled oil, spot, 17s. 3d. OLIVE.—This market has been distinctly quiet, but quoted values are about maintained: edible, in drums, 7s. 6d.; in tins in cases, 8s.; B.P., 4s. 9d. per gallon, in 40-gallon barrels. PALM.—After moving to higher rates values have since declined, and close about level on the week; the market closes dull: Lagos, 15s. 6d.; softs, 15s. 3d.; mediums, 16s. 6d.; hards, 17s. 6d.; bleached, 18s. 6d., spot. PALM KERNEL is slightly easier with the market dull throughout: deodorised, 31s. 3d.; crude, 23s. 6d., spot. RAPE shows a fractional decline on a slow market: refined, 32s. 6d.; crude, 30s. 6d., spot. RESIN.—The market is quoted unchanged; business slow: B, 12s.; D, 12s. 3d.; F/G, 12s. 9d.; N, 19s.; W/G, 22s.; W/W, 23s. per cwt., ex wharf. SOYA. The spot market is steady with deodorised at about 26s. 9d. and crude at 23s. 4½d. spot. TURPENTINE.—A further slight advance in values is recorded and business has been fair: total London stocks, 13,487 barrels. On spot, 59s.; June, 58s. 6d. WOOD.—The spot value of Hankow in barrels continues to decline, and is now quoted at 45s.

Vanilla World Crops

MESSRS. H. MAYER SENIOR, LTD., give us the undermentioned figures of the world's vanilla crops for the 1930-1 season representing a total of 923 tons composed as follows:—

	Tons
Madagascar	575
Comoro	110
Reunion	50
Nossi-Be	25
Mexico	95
Tahiti	40
Seychelles	5
Guadeloupe	3
Java and Ceylon, etc	20
	923

The above quantity shows an increase of 21 tons over the 1929-30 production, and whilst all the other Indian Ocean Islands returned a lower figure, Madagascar yielded an excess of 115 tons. Unremunerative prices, combined with a heavy crop, have tended towards a lowering of the standard of quality in that island and the major portion of the crop had to be re-prepared and recured in order to ensure its being in presentable condition on arrival upon the European markets.

London Drug Auction

Commercial Sale Rooms,
Mincing Lane, E.C.3.
May 26.

At the auction held to-day only a moderate supply of drugs offered by ten brokers was brought forward, but the demand generally was disappointing. There was no outstanding feature, prices generally showing little alteration on previous rates. Ipecacuanha was neglected, and was held at steady rates. No Cape aloes on offer, but Curaçao were in better supply. Buchu, fine green was scarce and held for full rates; senna, Tinnevelly, was in small supply; Alexandrian retained at previous rates. Dragon's blood, a few new arrivals of fine rebolled were firmly held. Honey, there was more offering of the various grades, but the response was very poor. Gum acacia was at practically no interest, but is generally unchanged on quotation. Benzoin was in better supply. Ergot was unmoved. Olibanum is firm with supplies of fine drop scarce. Rhubarb was in good supply with little moving. Grey Jamaica Sarsaparilla was well held at full rates; offerings were small, and native, mixed colours, was dearer.

ALOES-SOCC.—Two bales of fair Shibahama No. 1, which had been pulled "Without reserve," were apparently sold privately before the sale.

ALOES.—Cape, none offered. 124 cases Curaçao were retired from 30s. to 65s., with a bid of 80s. for eight cases dark liver almost black. Zanzibar, of ten cases offered, a lot of five cases black block in leaves sold at 70s., the remainder, consisting of skins were bought in.

ANNATTO SEED.—There were several descriptions on offer, totalling 31 bags, good Jamaica offering at 8d., fair Madras 4½d., and ordinary to middling Brazilian at 3½d. per lb.

ASAFŒTIDA.—In all, 24 cases offered and retired. Ordinary to fair almondy block held for 30s. to 100s. per cwt.

BALSAMS.—Ten cases of Para Capivi were limited at 11d. per lb. A parcel of 12 cases Peru were not up in time for the auction. Tolu, none offered.

BENZOIN.—Sumatra was in better supply, but in limited demand. For superior seconds, well packed, 38 was the limit. Middling seconds, 27 5s. to 27 10s. Thirds, bold almondy, 23 15s. to 24 10s.; common dirty, 70s. to 85s. per cwt. Siam, a good selected offered, fine bold loose almonds were limited at £34; medium, £31; small to medium, £27 10s.; pea size, £24 15s.; grades, £21; siftings, part amble block, £19 10s.; broken siftings, £14 per cwt. Palembang, the market is still bare of supplies.

BUCHU.—The offerings comprising 37 bales consisted of many of round, fair to rallywick, which retired at from 1s. to 9d. For one bale of really good green 1s. per lb. was refused; Oval, a bid of 7½d. for yellow and rather stalky is being submitted.

CASCARA.—A lot of 62 bags of common lean sorts was sold at 10s. per cwt.

CASSIA.—Ten cases of China fine, rather weevily, were held for 2s. per lb.

CHAMOMILE.—Eighty packages of bleached India were on offer, about fifty sold, mainly consisting of single packages, at previous rates.

CHIRETTA.—Nine packages were brought forward, comprising five bales of fair quality, which retired at 5s. 2d., and four bags siftings at 1s. 9d. per lb.

CINCHONA.—Two parcels, in all 11 bales, were on offer, fair quality Sewers of Bolgoma origin were held for 140s., four bales white rather mixed with brown were withdrawn at 120s. per cwt.

CINCHONIDINE SULP.—A parcel of 20 cases Hydrocarp or Wigmania was bought in, the last price indicated being 1s. 4d. per lb.

CINCHONINE.—Two lots were offered; fair bright pulp, of grain or bun, retired at 1s. 2½d., and ordinary brown at 1s. per lb.

CUBEBS.—A new arrival of 20 bales Java was held and retired at 55s. per cwt.

CUSSO FLOWERS.—Sixty-five packages were offered, and withdrawn. Ordinary to medium sorts at 4d. to 8d. per lb.

DRAGON'S BLOOD.—In better supply; fine rebolled Singapore, dark, £21 to £24; ordinary bright, part dropy, £22 to £23. Very pale sticks, £21 to £23; and reds, dullish, at £13. Zanzibar drop, withdrawn at 65s. to 105s.

EUCHRESSA.—A parcel of 12 bales was withdrawn at 25s. per cwt.

EUROPT.—Nine packages were catalogued, consisting of five bags Spanish, which retired at 1s. 11d., and four bags Portuguese, at 1s. 10d. per lb.

EUCALYPTUS.—Four drums analysed by Messrs. Salamon & Seaber as 72 per cent. were held for 10d. Six drums of 74 per cent. retired at 11d. Forty cases of 81/82 per cent. were withdrawn at 1s., and forty cases 67 per cent. at 7d. per lb.

GAMBOGE.—None sold, nine cases retired at from £14 for middling rather blocky up to £17 for good Siam pipe. One case of Saigon, rivey, taken out at £11.

GELATIN.—In rather short supply, only one parcel being on offer. Fair block, pale glassy, retired at 1s. 9d. per lb.

GUM ACACIA.—Eighteen packages of bleached Kordofan offered and retired at 70s. to 71s. 6d. Other parcels bought in were 22 packages Aden at 82s. 6d., 20 packages Australian at 55s. Privately, the market for Kordofan remains unchanged.

HONEY.—In good supply, one lot of medium liquid Jamaica sold at 40s., and a lot of liquid St. Lucia fetched 30s. 6d. For some amber Cuban 50s. was bid, but 52s. 6d. was required. One or two lots of Jamaican had sold privately, prior to the sale.

IPECACUANHA.—Market still neglected. Matto Grosso was in fair supply, and retired without response at 5s. Minas, four bales were withdrawn at 4s., and Carthagena, four bales were held for 4s. 6d. per lb.

KOLA NUTS.—Nothing was sold, but a parcel of fair W.I. was retired at 2d.

MENTHOL.—A lot of five cases Sumbi, was offered and withdrawn at 15s. 3d. per lb.

MYRRH.—Three lots were catalogued, for fair Aden sorts 27 to 27 10s. was wanted, and darkish sorts, very dusty, sold prior to the sale at 30s. per cwt.

NUX VOMICA.—A parcel of good bold Cochin was held for 18s 6d. per cwt.

OLIBANUM.—This is a firm market with fine drop scarce and wanted. Medium drop was retired at 65s., fair pea size at 37s 6d. Siftings at 40s., 45s., and perblings at 55s. per cwt.

ORANGE PEEL.—Fourteen cases thin cut so-called Maltese were all bought in, bright at 7½d., at which sales have been made, and dark at 6d. per lb.

RHUBARB.—A good assortment of Shensi catalogued, 4s. 3d. being indicated at the limit for the best lots, pickings retired at 2s. 6d. to 3s. 3d.; Canton retired at 2s. 7d. to 2s. 8d., and pickings at 2s. High dried, three cases flat, sold very cheaply without reserve at 1s. 4d., and round horny retired at 1s. 2d. to 1s. 6d. as to quality.

SARSAPARILLA.—Jamaica, a few packages of grey, which is in small supply, retired at 2s. 3d.; native, mixed colours, was held for 1s. 1d., being rather dearer.

SENNA.—Tinnevelly, prices are steady with a quiet demand privately. In auction, five bales middling thirds sold at 2½d. Pods, hand-picked, were limited at 7d., and f.a.q. at 5½d. Alexandrian, nothing sold, prices of pods ranging from 4d. for fair hand-picked down to 3d. for tattered rejections.

SOY.—A parcel of five cases Chinese, retired at 2s 3d. per gallon, duty paid.

STROPHANTHUS.—Thirty bags of Kombé testing 100 per cent. were withdrawn at 5s., at which we understand sales are being effected privately.

TAMARINDS.—A lot of 12 cases good black Calcutta, with very few stones, retired at 18s. per cwt.

TONKA BEANS.—Good bold frosted Angostura were limited at 4s. 9d., which price is being obtained privately. Para, two parcels of fairly well frosted beans were withdrawn at 39½d. per lb.

TURMERIC.—A parcel of fair Madras finger was held for 26s. Talk market is steady.

WAX.—Only a small quantity on offer, including the following lots: two packages Jamaica retired at 85; seven bags Madagascar at 90s.; 17 packages Mozambique at 95s.; 14 bags Chilean 90s.; 20 bags Conakry at 95s., and 20 bags Benguela at 95s. per cwt.

The next Drug Auction will be held July 21.

Correspondence

Letters should be written on one side of the paper only. Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor.

Council Election

SIR,—Will you kindly allow me to express my thanks to the 4,350 electors who registered their votes in my favour at the recent Council election? It is very gratifying to realise that I continue to possess the confidence of my colleagues throughout the country after many years of service.—Yours very truly,

PHILIP F. ROWSELL.

Exmouth.

SIR,—Please allow me to thank the members of the Society for their further vote of confidence. It will be my endeavour in the future to continue to justify the same.—Faithfully yours,

E. H. SIMMONS.

Salford.

SIR,—I should like to take this opportunity of thanking those 3,457 members who cast their votes in my favour last week, and especially would I thank those many friends in all parts of the country who personally canvassed for me, and ensured my return to the Council. I can only say that I appreciate to the full the confidence they have placed in me, and assure them that in the future as at all times my efforts will be devoted to further the best interests of pharmacy, with special reference to that section which by virtue of my own occupation I specially represent, viz., the retail.

Yours, etc.,

F. G. WELLS.

50 Battersea Bridge Road, London, S.W.11.

SIR,—There is more than superficial sanity in the ancient proverb which advises us "never to swap horses when crossing the stream," an adage which pharmacy in general has followed in the recent election of members to the Council of the Society. Although only a relatively small proportion of the issued voting papers was returned, these are ample for current purposes. It is a pity that the Society should have to bear the expense, for a fairly large bill will be involved for voting papers, postage and clerical work. The "old brigade" has, however, secured definite support, and in general terms the Council may now feel itself free within bounds to negotiate for the best terms and conditions on behalf of pharmacy as a whole. Pharmacy cannot hope, I fear, to retain an absolute monopoly of the sale of poison: the general commercial conditions are such as to render the fight hopeless, and a recognition of this state of affairs is only common sense. Many poisons, and poisonous substances, have now passed beyond the pharmacist as the distributor. A carping criticism does not forward pharmacy, either materially or professionally.—Yours, etc.,

FRANK ENGLISH (24/5).

Competition

SIR,—I make no apologies for bringing forward a subject which I feel sure must confront many of my brother pharmacists in these days. My business is in a small town, which, in 1921, had a population of 17,000, and was served by four chemists' shops. In 1931 the population had increased to 18,000, and is now "blessed" with nine chemists' shops and "pharmaries," not to mention a Woolworth's store, all situated within a radius of three-quarters of a mile. There is no private dispensing; each of the seven surgeries in the town employs an unqualified dispenser, who makes up all private and club prescriptions. We have also a clinic selling baby foods at the usual clinic prices. The majority of our prices are on a dead level with the company shops, and the service and attention at each shop is extremely good. This competition, combined with falling prices and general trade depression, has caused a very serious drop in turnover in the older-established businesses. What was once a fairly respectable living is now little more than a mere pittance. Personally, I am still young and "all out" for progression, but all my present efforts seem to bear very little fruit. I should be pleased to have your readers' views on which is the best of the following courses to adopt to improve the situation:—

(1) To reduce staff, cut overheads and wait for trade revival.

(2) To sell up and buy a fresh business in a new locality.

(3) To open a branch establishment in a new area, and, if so, whether to place the manager in the new or the old business.

No doubt many of your readers have been faced with a similar problem.—Yours faithfully,

PUZZLED (25/5).

A New Employment Agency

SIR,—The South-West Metropolitan Branch of the Pharmaceutical Society has formed an employment agency (of which I have been appointed secretary) believing it will be useful to both employers and employees. Full particulars of the scheme have recently been sent to every privately owned chemist shop in the area covered by the Branch. I shall be pleased to hear from any unemployed pharmacist or unqualified assistant (or anyone who is willing to do locum work) resident in this area who wishes his name placed upon our register. I shall also be willing to give, on application, the names and addresses of persons who I think would be acceptable to any pharmacist in the district requiring a manager, assistant, or locum. It is hoped that everyone in this area will make use of this agency (which is registered annually by the Surrey County Council) if and when the necessity arises. No fees will be charged to either employers or employees.

Yours faithfully,

THOMAS JAMES,

Hon. Secretary, S.W. London Chemists' Employment Agency.

585 Darnsford Road, Wimbledon Park, S.W.19.

N.H.I. Testing Schemes

SIR,—I agree with your correspondent, "Economy" (C. & D., May 21, p. 572), that N.H.I. testing schemes should be scrapped. Quite apart from the question of legality and expense, they are unnecessary. They exist, presumably, to satisfy the authorities as to the chemist's powers of accuracy in dispensing. But the chemist has been tested by examination. Again, if there must be tests, then let us all be treated alike: doctors, dentists, opticians and any other persons undertaking N.H.I. service should be subjected to tests appropriate to their respective branches of work. What an outcry there would be then! And yet it is possible that casual diagnosis and treatment are more frequent in the surgery than is inaccurate dispensing in the shop.

Yours faithfully,

SCRIPTUS (25/5).

SIR,—Your correspondent "Economy" (C. & D., May, p. 572) questions the legality of issuing "test" prescriptions which are not intended for genuine cases of treatment. He misses, however, a more interesting point in connection with this testing business—that of the complications which arise when a drug which comes within the scope of the Dangerous Drugs Acts is ordered for testing purposes. Such prescriptions have been issued, and one wonders how the various parties in the arrangement can justify their several positions. The chemist who dispenses the prescription does so in the belief that it is genuine—until he is disillusioned by the agent taking the test. The agent can be absolved from responsibility since he

merely acts in the matter as a messenger. But under what clause can the Insurance Committee claim to hold a licence for the possession of "dangerous" drugs, and who gives a practitioner authority to issue such a prescription "except when required for purposes of medical treatment"? Did the originators of the testing scheme foresee such a position as this?

Yours faithfully,

I. WONDER (24/5).

The Delegates' Meeting

SIR,—The fuller report of the delegates' meeting (*C. & D.*, May 14, p. 536) shows that there was a considerable discussion in which the delegates from many branches took part, but it shows as well that out of all the speakers only about half a dozen definitely stated that they would support the Bill without reservation, whilst the majority were divided into those who would accept it more or less under protest or in the hope of the contested clauses being modified, and those who were totally opposed to it. To the member who reads the report and is unimpressed by the atmosphere of the meeting, it does not seem that the conclusion truly represented the general feeling, and the impression is given that the delegates were influenced by their hearts rather than by their heads. It would seem in effect that the Council is gambling on the probable actions of a Poisons Board which is not yet constituted; the proposed amendment to Clause 17 is not mandatory, as the president admitted, and when this Poisons Board is set up the framing of the Schedules will be out of the Society's hands. One or two of the delegates said they were still unenlightened on the reason why the Council had changed its attitude to the Bill, and the president in his reply stated that his opening remarks were designed to answer that question. After reading the report I feel in the same condition as those delegates.

Faithfully yours,

UNSATISFIED (24/5).

Legal Queries

N. C. (5/4).—The preparation should be labelled "Contains barium sulphide 10 per cent.—Poison."

W. J. R. (23/5).—The use of the title "Sunburn Lotion" does not involve liability to medicine-stamp duty.

H. E. (20/4).—The recommendation for ailments and the claim to exclusive preparation render the medicine referred to liable to medicine-stamp duty.

A. H. M. (30/4).—Preparations containing codeine and its salts come within Part II of the Poisons Schedule. The Labelling of Poisons Order stipulates that every preparation containing a scheduled poison "must be labelled with the proportion or percentage which that poison bears to the other ingredients."

D. M. (1/3) left the service of a limited company on friendly terms, and the managing director said that he would give him a good reference when approached by other employers. The managing director did so on one occasion; but he has since died. Is his successor bound to give a similar reference, or is he at liberty to damage "D. M.'s" character in the eyes of prospective employers? [The original managing director was under no legal liability to give a reference, nor is his successor; but if one is given it must be true.]

J. W. W. (20/5).—Income tax is at present not payable on a pension which is voluntary and which might cease at any time at the discretion of the person or firm paying it. The Finance Bill (Clause 15) proposes to alter this and make such pension liable to income tax on the basis of earned income, that is, with a deduction of one-fifth from the gross amount of the pension. You do not say for what year tax on the pension is demanded from you, and it may be that what you refer to is a notice to make a return of the pension for purposes of income tax.

Miscellaneous Inquiries

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for, and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

J. H. S. (12/38).—CLEANING PEWTER.—Pewter, especially if it has been neglected, requires a good deal of labour expended upon it, and is best done by machinery. A soap containing a fine insoluble powder can be used, and when the surface is clean the polish is heightened with oil and rottenstone.

J. M. (India) (3/2).—ICED EAU DE COLOGNE.—An eau de Cologne of the type you require can be made by adding a little menthol to any of the recognised preparations. In place of menthol, solution of ammonia or oil of peppermint could be used if preferred.

T. J. S. (6/58).—DRY ROT IN WOOD.—All affected wood should be cut away and burnt, otherwise the source of infection remains. For protecting the wood against dry rot either a solution of corrosive sublimate (6 oz. in 1 gal of methylated spirit), carbolic acid, commercial creosote, or magnesium silicofluoride is used. The latter is toxic in concentrations of 0.1 per cent., but for use on timber a 5 per cent. solution is employed, being applied to the wood with a brush at ordinary room temperature. It is useless to trust to this fungicide as a cure in the case of wood actually attacked, and care must be taken not to apply it in connection with metal or glass. In your case we think you will find creosote satisfactory and the least expensive treatment.

D. R. (6/58).—DUPLICATING INKS.—The following are formulas for duplicating inks:—

I		II	
Glycerin	1 lb.	Copaiba balsam	9 oz.
Honey	6 oz.	Lampblack	3 oz.
Black treacle	1½ oz.	Indigo	5 dr.
Sugar candy	6 oz.	Prussian blue	5 dr.
Methylated spirit	4 oz.	Indian red	6 dr.
Water	2 pints	Powdered soap	2-3 oz.
Heat until a homogeneous mass is obtained, except spirit, which is used for dissolving 1 oz. of aniline black or other colour		Triturate till perfectly smooth.	

C. E. B. (6/58).—CELERY SEED.—The popular method of using celery seed is as follows:—Boil 1 oz. of celery seed in one pint of water till reduced to half pint. Strain. Take one teaspoonful of this decoction twice a day in a little water. Continue for a fortnight; stop and try again later, if necessary.

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," May 15, 1882

"Ashes of Perfume"

SIR,—As a proof that the superstition of past ages still lingers among us . . . we hand you, for the entertainment of your readers, an anonymous letter received a few days ago. . . .

"Sir—I thought I whould just like to let you know in writeing what ashes of perfume is for to see if you can realy make out what it can be before I come I dont know what it is I have read it in the Bible its in Tobit chapter 8 its in the Apocrypha Tobias took ashes of perfume and put the heart and liver of a fish and put them theiron and made a smoke their with and when the evil spirit had smelled it it fled away its apears its to cure witch craft an ackuaintance of mine thinks she is witched she has suffered greatley either more or less for the 10 years so I thought I whould like to try this remedy. . . ."

A little incense was therefore supplied. It has not yet transpired whether supernatural results followed the treatment. [From a letter to the Editor.]

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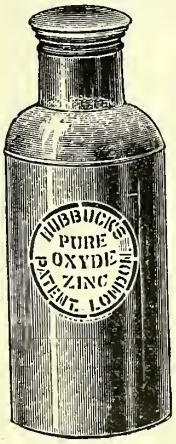

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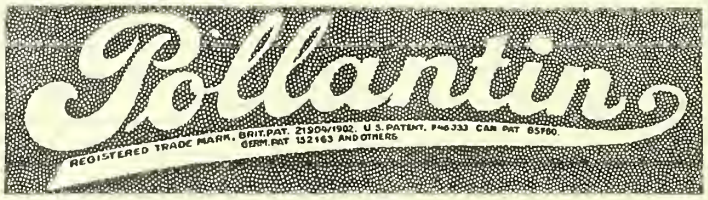

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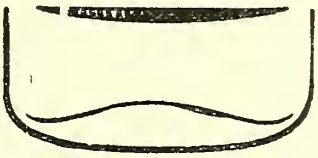

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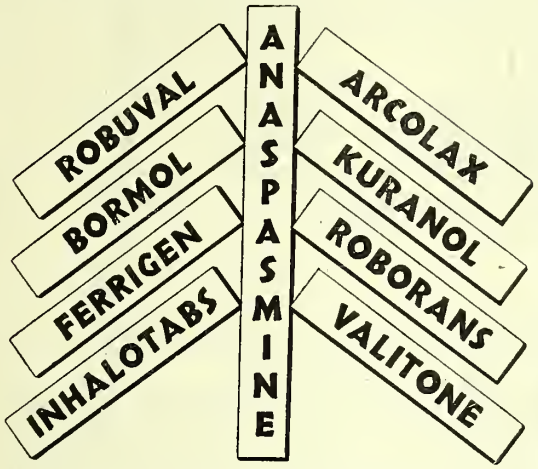

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CURE ACIDITY

Chemists who stock and display this popular line find it a ready seller.

Special Terms on application.

Shadforth Prescription Service Ld.

Qualified Dispensing Chemists,

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"EPHEDROL"

for

HAY FEVER

and

CATARRH

in the CANDA patent Nasal Bottle

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Regd. Trade Mark

Endorsed by leading Laryngologists as better, cleaner and more effective than atomiser, spray or douche.

Retail at 3/- per bottle. Best Terms 20/- per doz. Nett Unstamped with one Bonus. 25/- per doz. Stamped with Bonus of One.

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Treatment

for

CANCER

DR. T. ISHIHARA'S

Patent No. 352620 (Great Britain).
Patent No. 88650 (Japan).

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HORMONE

A treatment for cancer and erosion of os uteri, prepared from new endocrine organs based upon Dr. Ishihara's new theory of Umbilical Cord Hormone.

Indications

(a) Cancer of stomach, intestine, uterus, etc.

(b) Erosion of os uteri.

Directions for Use and Doses

Doses: 0.3-0.6 gm. (3-6 tablets) per day administer per os between meals.

Injection: 1 c.c.-2 c.c. per day, Hypodermically.

PACKING

P-O-U { Powder 5 g. (code: POUB) / Tablets 50 tab. (code: POUM) / Injection 1 c.c. × 10 (code: POUH) }

For particulars apply to

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Nippon Shinyaku Co.,
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Manufacturing Chemists
KYOTO - JAPAN

Cable Address:
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GLASGOW LIVERPOOL NEWCASTLE CARDIFF & NEW YORK

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"UCAL" HEART SHAPED INDIGESTION TABLETS

The Formula cannot be improved upon—and the line is "*Sold only by Qualified Chemists*"

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(LIQUID OR TABLETS)

3 dozen at **28/6** per dozen or **£4/5/6** per case
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CARRIAGE PAID. PACKING FREE.

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CLARKE'S BLOOD MIXTURE ...	3/-	28/6	27/-
" " "	12/-	114/-	108/-
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CLARKE'S SKIN LOTION	1/3	12/-	11/-
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" " " ...	3/-	28/6	27/-
" " " ...	5/-	48/-	44/6
CLARKE'S APERIENT PILLS ...	1/3	12/-	11/-
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2d. *and* **4½d.**

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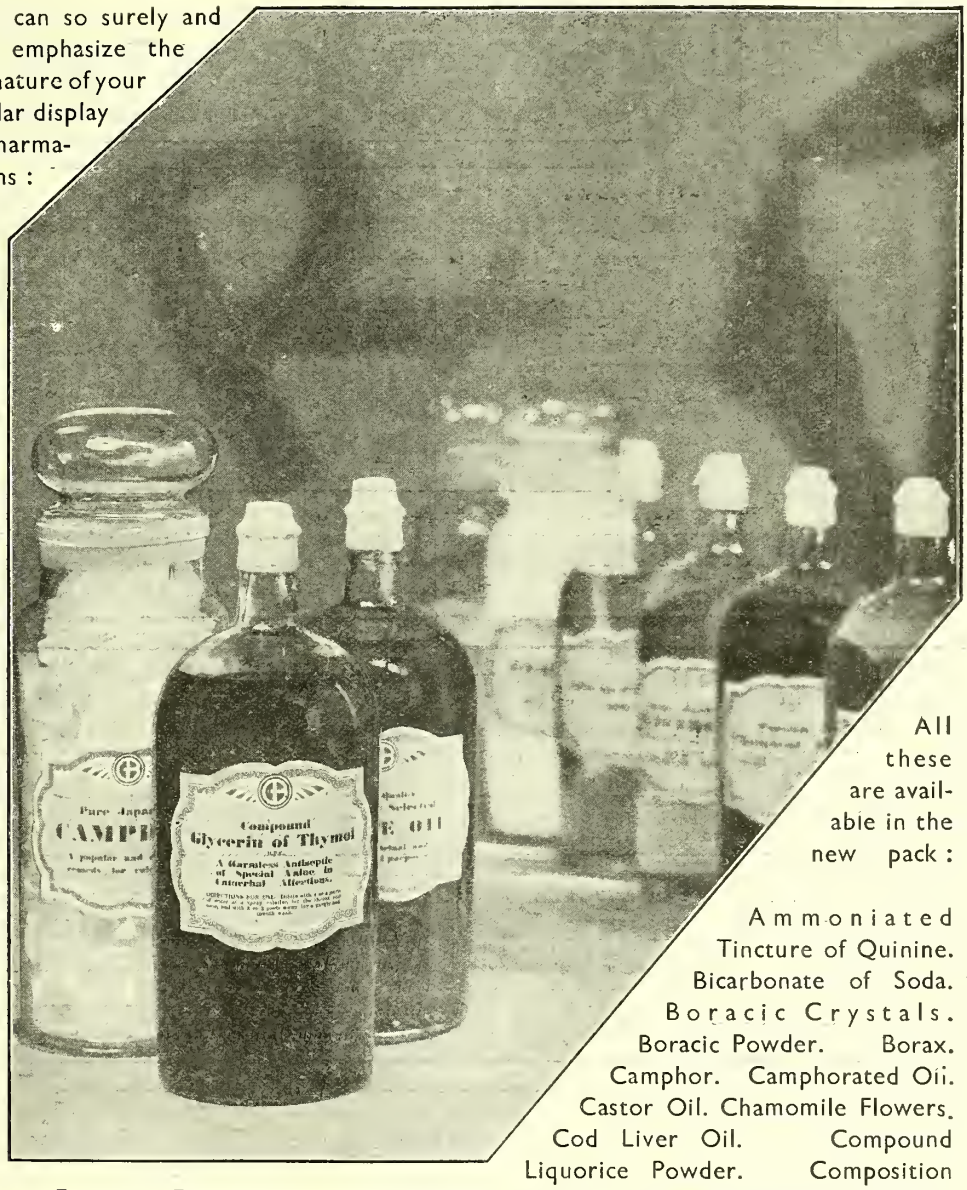

All these are available in the new pack:

Ammoniated Tincture of Quinine. Bicarbonate of Soda. Boracic Crystals. Boracic Powder. Borax. Camphor. Camphorated Oil. Castor Oil. Chamomile Flowers. Cod Liver Oil. Compound Liquorice Powder. Composition Essence. Epsom Salts. Eucalyptus Oil. Extract of Cascara Sagrada. Flowers of Sulphur. Friars Balsam. Glauber Salts. Glycerine. Glycerine of Thymol. Linseed. Liquorice Juice. Olive Oil. Paraffin (Medicinal Liquid). Parrish's Chemical Food. Senna Leaves. Senna Pods. Tincture of Iodine.

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Sales of Roboleine will bring repeat sales and the thanks and goodwill of your customers

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THE FOOD THAT BUILDS THE BODY

Sells all the year round and is worthy of prominence

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STANDARD SIZE	2/9	24/9	per doz. nett carr. paid on 2 doz.
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The world renowned ***NATURAL*** *Mineral Water.*

(And the other State Springs of Vichy)

We beg to remind the Trade that the above are on the P.A.T.A. list and show a good return to retailers.

These waters are largely prescribed by Physicians, and Chemists would do well to have an ample stock on hand.

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PURE EXTRACT OF MALT & HOPS ONLY

You cannot please your customers better. Viggormalt is a concentrated pure extract of Malt and Hops only and makes genuine "Oambroo" Beer (ALE or STOUT) of true Old-English character quite simply (*The Daily Express* says so, 9-5-32), at the amazingly low cost of **1d.** a pint. Once introduced it quickly becomes a regular item on the shopping list. National advertising is extensive and constant. Demand is growing. Start now to share the profits.

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SELLS FREELY AND READILY.
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An infallible remedy for

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LOFTHOUSE & SALTMER, Ltd.
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ERGOAPIOL (Smith)

Protective Mark Patented in U.S. and Foreign Countries.

Ergoapiol (Smith) is identified by the letters "M. H. S." raised in the gelatin on the inside of each capsule—thus

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Capsule intact, showing no mark objectionable to the physician.

[Ergoapiol (Smith) is to be had only in packages of twenty capsules each—never supplied in bulk or other form.]

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GLAND TREATMENT

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SEVEN O SEVEN

Rejuvenating Tablets

Co-operation of Chemists and Medical men invited.

FREE BOOKLET sent upon request.

SEVEN O SEVEN LTD.
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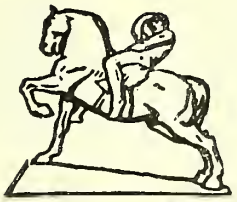
Many Chemists are now making *Additional* Profit from this NEW *Energen* PRODUCT



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MARMALADE

SHOULD BE EATEN WITH ENERGEN BREAD

Obtainable from your usual wholesaler.
No artificial preservatives.
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Delicious.
2/3 lb. jar nett full weight.
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Carriage Paid Gross Quantities or equivalent.

Manufactured only by
J. F. WHITE & CO., Chemists
BENSON STREET, LEEDS.

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ACTS LIKE MAGIC

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TERMS.
10½d. size, 8/6 per doz.
1/3 „ 12/- „
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Less 5% dis. on £6 orders.
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On application to —

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METHYLATED SPIRITS
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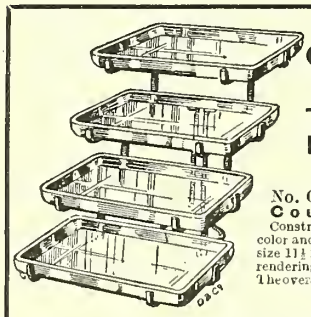

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No. C.D.F. 2851 Very attractive **Counter Display Stand.** Constructed of mild steel finished Silver color and complete with four clear glass trays size 11½ × 7 × 1 in. Each tray is slightly sloped rendering the goods easy to see and select from The overall height is 15½", width 12", B. to F. 15"

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PHARMACIES MODERNISED.
ALL GOODS OF BEST QUALITY AND FINISH AT LOWEST RATES.
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REGISTERED FOR OUR WELL-KNOWN BRANDS OF CERESINE WAXES.

WHITE BLEACHED CARNAUBA WAX VARIOUS GRADES AND RESIDUE
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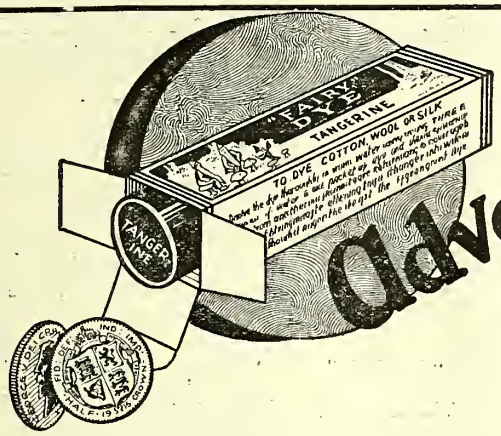

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Retailed at 2d. per tube—attractively packed. 31 shades and colours.

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PHARMACISTS' PRINTING.

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Wholesalers, assistants, rent, rates, taxes and other overheads must be paid. Whenever cash leakages occur IT IS THE PROPRIETOR WHO LOSES.

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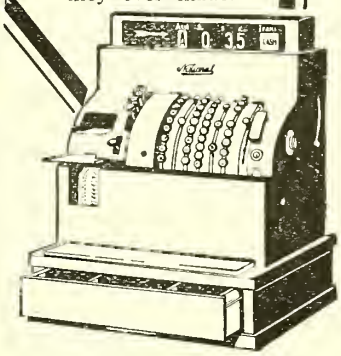

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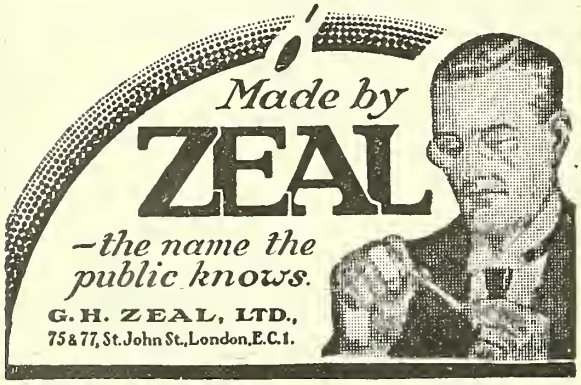

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To BUYERS of TRUSSES!

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MARKET ROAD, LONDON, N.7

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Covered and Elastic Band Trusses, under the

"MASTER" BRAND TRADE MARK

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Supersedes Hard Rubber or Celluloid.
Get to know of this. It is Something Different!

Suspensory Bandages and Jock Straps
We offer distinctive lines of outstanding value. Our weaving sheds allow of all intermediate profits being passed to our customers.
Write for sample range at Special Rate, then compare.
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RELIABLE
ELASTIC HOSIERY
SEAMED & SEAMLESS
For special garments to measure we maintain a 24 hour service.
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A small display brings increased Business—attractive showcards free on request. Stocked by all the leading wholesalers.
FULL 33⅓% PROFIT P.A.T.A.
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The ORIGINAL and Most Popular
The "K." All wool in knitted cover, very soft.
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SOUTHALLS

Your Wholesaler (if up-to-the-minute) Can Supply

FREE FROM PRINTING INK

675 - 700 SHEETS

100 % PURE

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BRANDS.
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WATER
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URINALS.

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NOTICE.—Several instances of the sale of VENUS BRAND goods other than their make having been brought to the notice of Joseph Harris & Co., their Solicitors are instructed to take proceedings against anyone (Makers or Vendors) fraudulently using the name or design of VENUS or any imitation thereof in connection with Seamless Moulded Goods.

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Wholesale & Export only

SQUEAKERS, DYING BOARS, SWANS, BIRDS, ELEPHANTS, &c.

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J. H. HAYWOOD, Ltd. CASTLE GATE NOTTINGHAM

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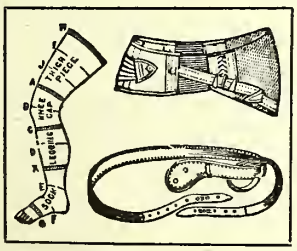

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Elastic Hosiery, with or without seams, suitable for Summer wear.

Trusses, Spring and Elastic, Suspensory Bandages, Abdominal Belts, made from porous materials.

Elastic and Leather Supports, for Cricket, Tennis, Golf and Boating.

Goods for Toilet and Seaside trade.

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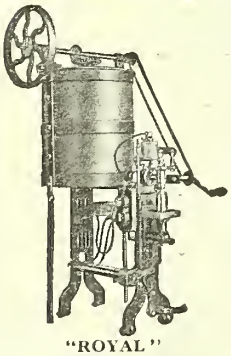
Roberts' Original Patent
BOTTLE FILLING MACHINES

The record makers in speed filling with cleanliness. Foot-Operated Machines. From £5 5s. Hand-Operated Machines. From 36/-

Soundly constructed, simple in action, easy to clean.

NEW PATENT SHALLOW TIN FILLING MACHINES



"ROYAL"

Automatic CAN FILLING MACHINES, MIXING MACHINES, CORKING MACHINES.

NEW PATENT ACCESSORIES TO "NELSON," "VICTOR" and "NAVY" BOTTLE FILLING MACHINES enable them to be used as Vacuum Fillers, Gravity Fillers or Pressure Fillers at will.

WRITE TO-DAY TO

ROBERTS' PATENT FILLING MACHINE CO.

33 Roundcroft Street, BOLTON, LANCS.

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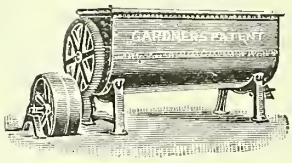
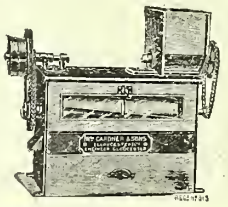
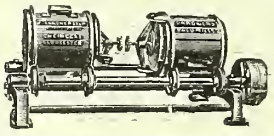
GRINDING SIFTING MIXING



Patent "Rapid" Mixer.



Patent "Rapid" Sifter.



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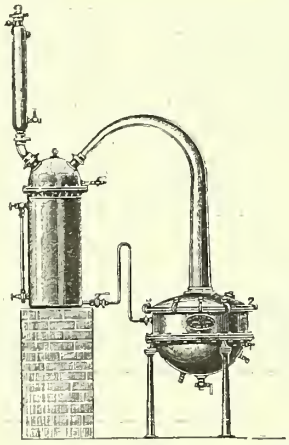

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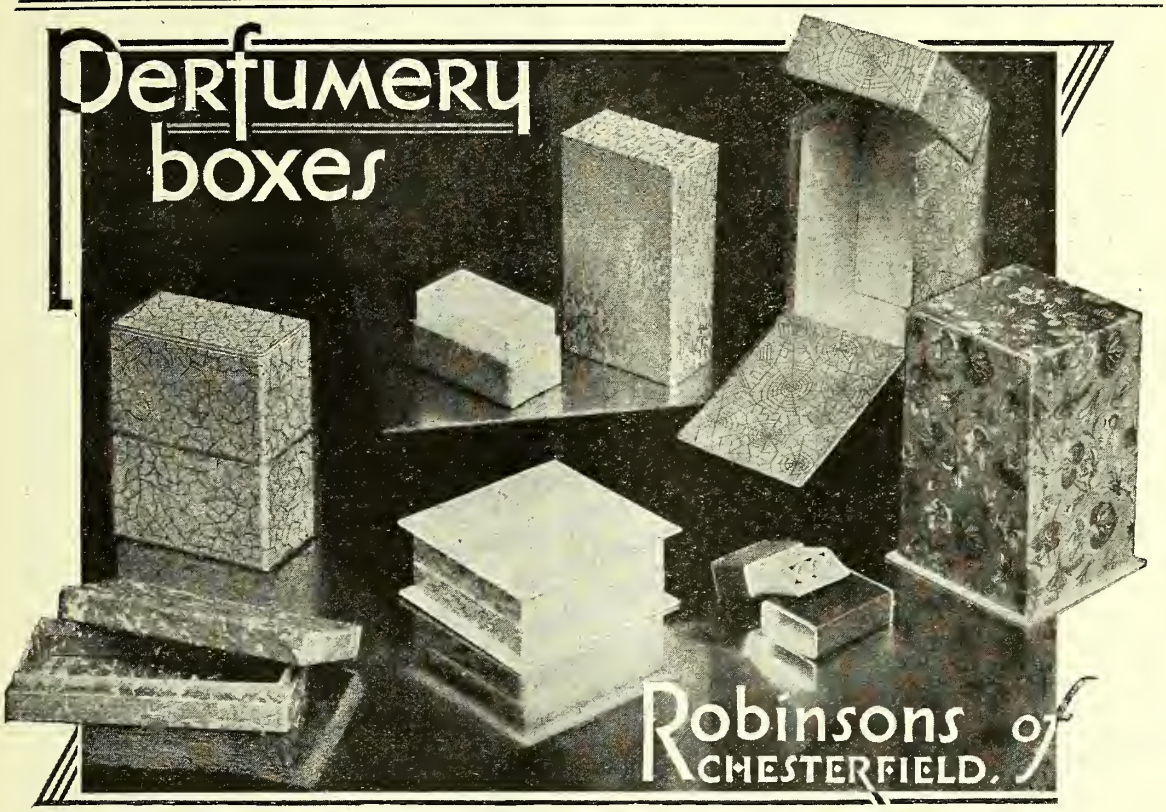

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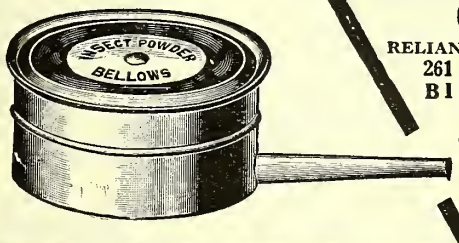

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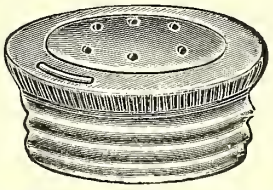

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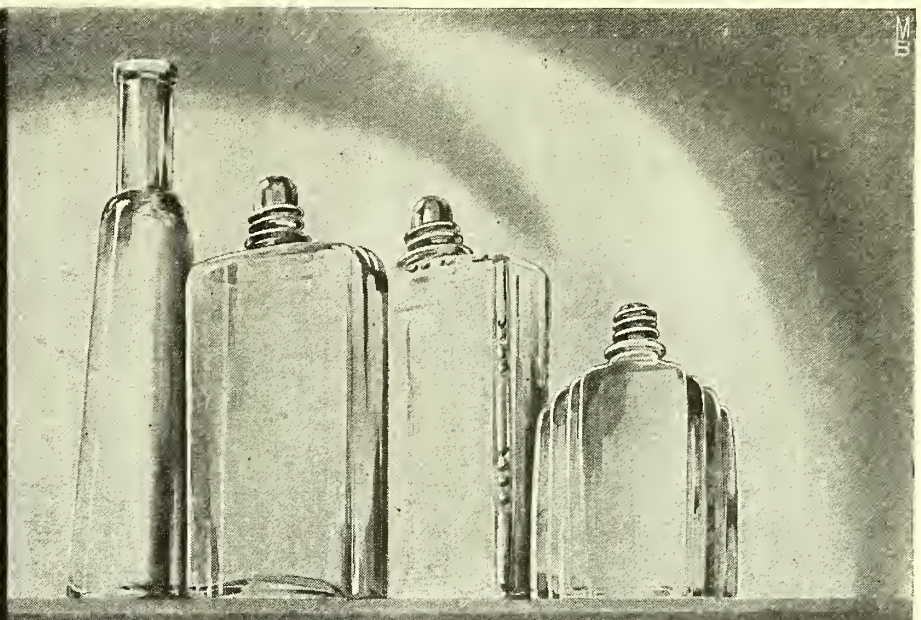

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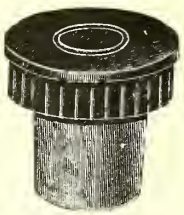

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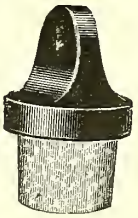

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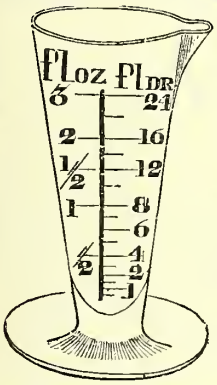

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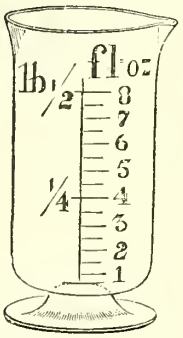

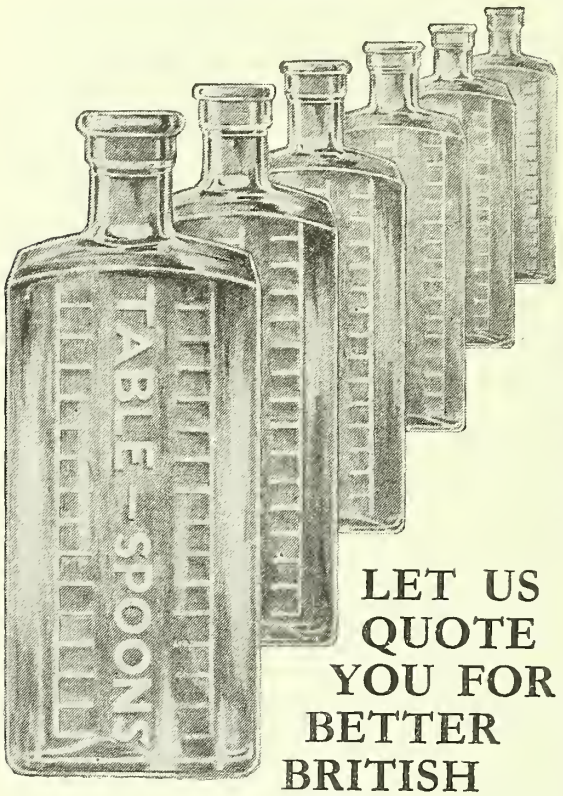

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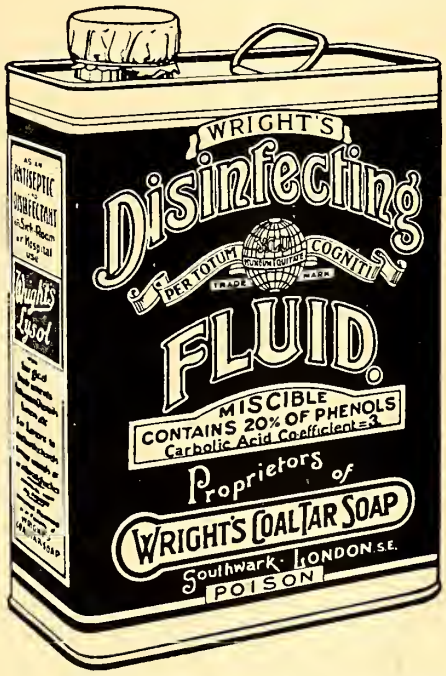

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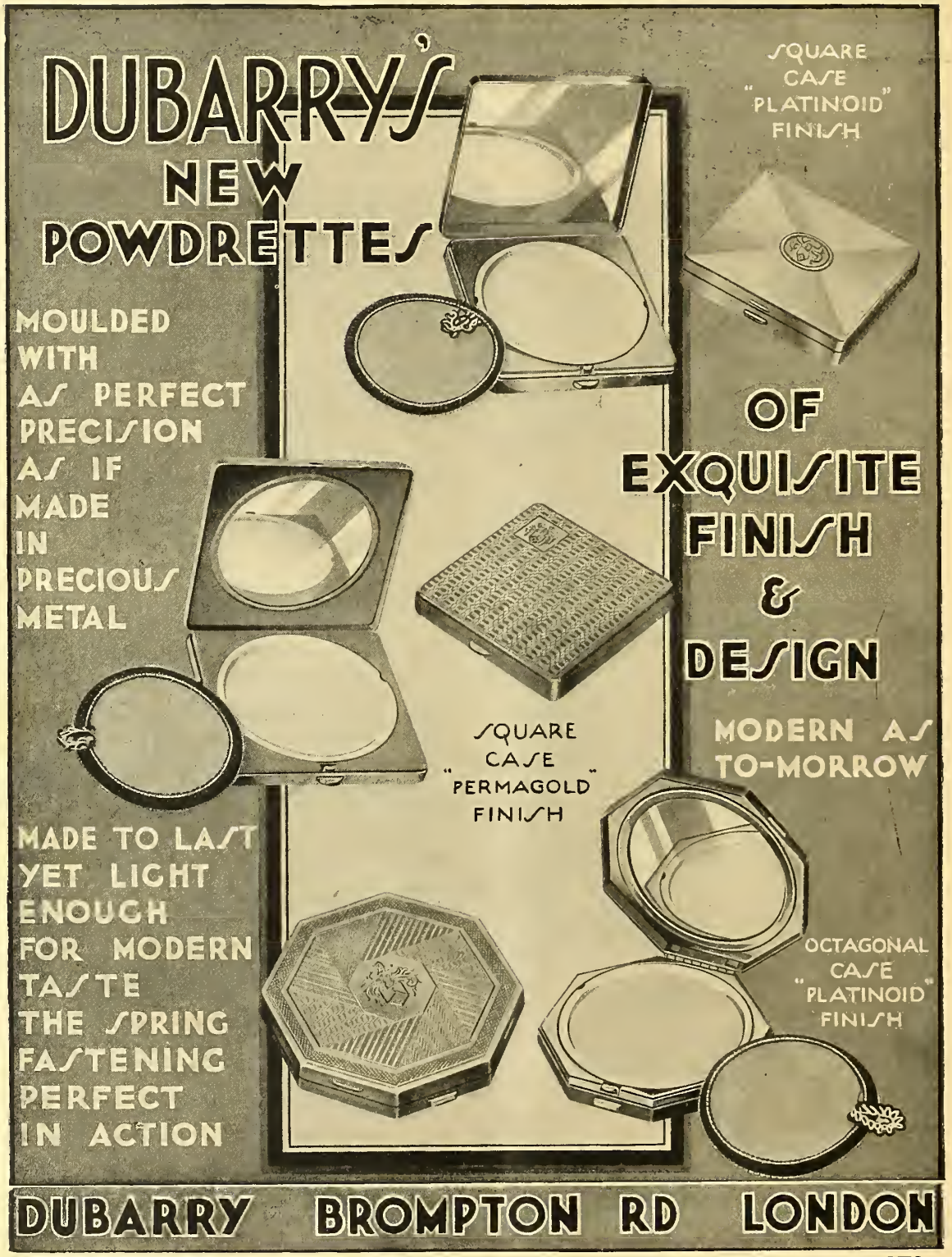

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THE CHEMIST AND DRUGGIST SUPPLEMENT

28 ESSEX ST.
LONDON, W.C.2

MAY 28, 1932.

This Supplement is inserted in every copy of The Chemist & Druggist.

THE CHEMIST AND DRUGGIST SUPPLEMENT

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10.—MIDLANDS.—General Retail and Dispensing Business; established many years; returns last year £1,500; gross profit 45 per cent. and net 27 per cent.; held on lease; price £1,000, or valuation terms entertained.

11.—ESSEX COAST.—General Retail and Dispensing Business; returns average £60 weekly; scope for increase with additional capital; large shop, well fitted and stocked; splendid living accommodation; low rent; very long lease; price £2,250, or valuation terms entertained. Further details to bona-fide purchasers.

12.—SUSSEX (Health Resort).—Mixed Retail and Dispensing Business with Kodak Agency; established 1924; returns last year £1,227, with net profit £275; double-fronted shop, well fitted and stocked, with living accommodation and small garden; rent £110; held on lease; sub-let £58 10s.; price for quick sale £650.

13.—SOUTHERN COUNTY.—High-class Retail and Dispensing Business with small Optical connection; returns exceed £2,500 per annum, with gross profit £1,000; attractive shop, very well fitted and stocked; very good house with garden; long lease; rent £160 per annum; terms £400, plus stock and fixtures at valuation or lump sum offer.

14.—SURREY.—Good-class Retail and Dispensing Business; returns approximately £1,500 per annum with scope for increase under energetic management; double-fronted main road shop, very well fitted and stocked; small living accommodation; vendor's own property; lease will be granted; stock and fixtures worth between £1,000 and £1,100; price £1,250, £1,000 down and the balance by instalments. Further details on application.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

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1.—NEW FOREST.—Select Family and Dispensing Business, charmingly situated and easily worked; turnover £1,600, increasing; excellent modern house, with large well-stocked garden, garage and ¾ acre of land adjoining Forest; price for business and freehold property £3,850; suitable for anyone with capital seeking a pleasant country life.

2.—SOUTHAMPTON (Near).—Old-established Business, in good position, under management; returns average over £3,300; gross profits £1,124; net rent only £45; 16 years' lease unexpired; price about £1,950.

3.—SOUTH COAST.—Light Retail and Dispensing, with Kodak Agency; in central position; returns last year average £24 weekly; plenty of scope; attractive modern pharmacy; no near opposition; owner leaving Retail; price £700, or offer.

4.—DEVON (Seaport Town).—For quick sale through serious illness, middle-class Cash Retail; returns £20 weekly; plenty of scope; rent £52 clear; large shop; stock worth £340; price £460.

5.—LONDON, S.W.—Old-established, good-class Retail and Dispensing Business; returns over £5,000; net profit £1,000; audited books; modern pharmacy; main road position; price £4,000; references required.

6.—LONDON, W.C.—Modern Cash Pharmacy in busy main thoroughfare; returns about £3,000; gross profits over 40 per cent.; smart double-fronted shop, with flat over; long lease; price £2,000 or offer.

7.—LONDON (SURREY SUBURB).—Good middle-class Business in pleasant suburb; returns over £1,500; scope for increase; modern pharmacy; well stocked; house attached; long lease; price about £1,200 valuation terms arranged.

8.—LONDON, S.E.—Light Cash Suburban Retail, with good Panel; no near opposition; returns about £1,300; net profit £335; low rent, on lease; fully stocked; price £850, or near offer.

9.—DERBYSHIRE.—Old-established Business in central position of busy market town; returns average over £1,450; plenty of scope; good house; same hands many years; price valuation, plus small goodwill.

10.—BANKS OF THAMES.—Cash Drug and Photographic Store, showing steady increase; returns last year £1,500; net profit £374; lock-up shop; stock worth £500; price £860.

11.—KENT COAST.—Good-class Family Retail and Dispensing Business; returns £1,850; plenty of scope; no near opposition; growing district; good house; long lease; price £1,500, or offer.

12.—GLOUCS.—Profitable Cash Drug Stores in small town; same hands many years and retiring; returns about £650; plenty of scope; rent £40; good house; large garden; stock worth about £350; price £500.

13.—HANTS.—Old-established Light Cash Retail, under manager; returns £1,000; scope for increase; rent £36; lock-up shop; fully stocked; price £650, or £100 and valuation.

14.—LONDON SUBURB, S.W.—Well-established, good-class Business; returns £2,100; net profit £450, plus £100 from Optics; one assistant kept; good house; long lease; price £1,300, or offer.

15.—BAKER STREET STATION (Near).—Good-class Retail and Dispensing Business with Photo and small Optical connection; returns last year £2,200; present returns less; modern well-fitted pharmacy; stock worth £550; price, bare valuation of stock and fixtures.

16.—TOOTING.—Old-established Light Retail Business in pleasant residential district; returns about £1,000; low expenses; long lease; illness compels sale; price £600, simply value of stock and fixtures.

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ALL VALUATIONS PERSONALLY CONDUCTED BY PRINCIPALS.

ERNEST J. GEORGE, CHEMISTS' BUSINESS SPECIALIST, VALUER, AND TRANSFER AGENT

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London Office: **Sentinel House, Southampton Row, W.C.1** *'Phone: Museum 8340. 'Grams: "Earnest" Ofiservis, Westcent, London.*

(OPPOSITE KINGSWAY SUBWAY)

(C1) Pharmacists who would be interested in an old-establishep retail business, prominently situated in a leading thoroughfare of London, showing returns of £4,000 to £5,000 per annum, are invited to write for initial particulars, which will be supplied to genuine likely buyers in strict confidence.

(C2) SUSSEX.—Pharmacy, with good living accommodation, entirely unopposed; returns approximately £30 weekly and increasing; rent, £75 per annum on lease; main road situation; reasonable purchase price.

(C3) LONDON (WEST END).—Pharmacy with optical connection, situated in busy main thoroughfare; living accommodation; returns approximately £3,550 per annum, being an increase over the previous 12 months; rent, £350 per annum; lease, 16 years unexpired; further particulars on application.

(C4) BEDFORDSHIRE.—Pharmacy with good living accommodation showing returns of approximately £30 weekly and increasing; rent, £110; rates approximately £22; price, £600; to an approved purchaser, the owner would consider allowing £300 to remain on mortgage, for payment over an agreed period.

(C5) YORKS.—Retail business with wholesale connection; joint turnover for 1931 financial year approximately £4,500 per annum; net profits approximately £450; living accommodation; rent, £40; purchase price, £1,300; further particulars to genuine likely purchasers on application.

(C6) MIDDLESEX (About 10 MILES from LONDON).—Elegantly fitted and well-stocked pharmacy for disposal owing to private circumstances; present returns approximately £30 weekly with good scope for steady development; excellent living accommodation; main road situation; good class trade; purchase price approximately £1,150.

(C7) HAMPSHIRE.—Old-established retail business situated in popular holiday resort near to prominent seaport town; living accommodation; returns for last financial year approximately £2,500; no near opposition; vendor open to accept reasonable offer; further particulars upon application.

(C8) NORTH-EAST COAST.—Established retail business showing increasing returns for the past three years; turnover for 1930 to 31 financial year, upwards of £2,750; no living accommodation on premises, but a house would be placed at purchaser's disposal; price for quick sale £1,225, including stock and fixtures estimated at £850.

(C9) LONDON (EASTERN SUBURB).—Exceptionally good profit-earning business showing returns of upwards of £40 weekly; N.H.I. scripts average 500 to 700 per month; net profits approximately £650 per annum; long lease at moderate rental, or property could be purchased at reasonable figure; good scope for increase; reason for disposal, owing to semi-retirement; every facility granted for investigation.

(C10) BUCKS.—Pharmacy well situated in growing high-class neighbourhood; returns for 1931 financial year upwards of £1,300; business ideally situated amid beautiful surroundings; excellent scope for increase; as the district is extending, good living accommodation; premises well stocked and beautifully fitted; purchase price for quick sale, £750, or near offer.

(C11) NORTH WALES.—Pharmacy well situated in promising seaside resort, showing returns of approximately £40 weekly; should be capable of further increase; good reasons for disposal; purchase price £1,150, including stock and fixtures estimated at £900.

(C12) NORTH WORCESTERSHIRE.—Old-established business, with optical connection, showing a net profit upwards of £600 per annum; modern premises with self-contained flat; little booking; good N.H.I.; to a genuine purchaser, with satisfactory references, the owner would be prepared to consider allowing part of the purchase price to remain over for a reasonable period on terms to be agreed upon.

(C13 MONMOUTH (NEAR).—Sound retail business situated in good-class residential area; present returns approximately £35 weekly; high percentage net profits; good living accommodation; low rental; long lease; good reasons for selling, but desiring a quick disposal the owner is prepared to sell at a considerable sacrifice; exceptional opportunity.

(C14) CARDIFF.—Good dispensing and family business with optical connection; average returns approximately £1,900 per annum; excellent living accommodation; pharmacy well stocked and beautifully fitted; owner having entered the wholesale trade is anxious to dispose quickly, and will accept a purchase price covering the value of stock and fixtures only.

(C15) EAST KENT.—Old-established business, showing returns of approximately £1,600 per annum; good panel; no opposition; living accommodation with garden; scope for further increase; purchase price approximately £1,000.

(C16) LONDON, S.W.—Pharmacy with optical connection situated on main road in prominent position; returns approximately £2,100 per annum, with good scope for increase, particularly as regards the optical side of the business. Freehold property also available for purchase; further particulars will be forwarded in strict confidence to genuine likely buyers.

Quotations for Stocktaking or for Pricing Chemists' Own Stock Records Supplied on Application.

The ASSOCIATION of MANUFACTURING CHEMISTS, LIMITED
(Business Agency, Transfer & Valuation Department)
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FOR DISPOSAL—**West Coast**—Returns £2,000, good house, lease; £1,500 or val. terms. **Inland Resort**—Returns £1,500, well fitted, low rent, £1,000 or nr. offer. **Manchester**—Ret. £2,000, large N.H.I., living accom., val. terms. **Warrington** (nr.)—Ret. £1,500, beautifully fitted, suit Opticians, £700 a.a. Others—Yorks (W.R.), Lancs, North and Mid Wales, &c.

BUSINESSES FOR DISPOSAL.

BLACKPOOL.—Chemist's well-established Business, stock, fixtures, goodwill; returns average £23 weekly for last 3 years; takings in 1932 up to May 21 slightly exceed takings over same period 1931; immediate possession available before season begins or to suit purchaser; reasonable rent; good house with sea view and private entrance adjoins. 201/38, Office of this Paper.

BLACKPOOL (near).—Good opening Chemist to secure in growing district, Pharmacy, Kodak, modern house (nine rooms); returns average £13 to £14 weekly, increasing; man with capital can soon double; price, all in, £675; £650 quick transfer; low rates; secure at once; season commencing; opening Optics, etc.; house suitable season letting; property rent or sell. 198/16, Office of this Paper.

BLACKPOOL.—Established Business for Sale, in growing neighbourhood, main road; Kodak and Ucal Agencies; neglected; good house with separate entrance attached; Optical connection; well stocked; price £700, includes stock, fixtures and goodwill. 203/17, Office of this Paper.

BRIGHTON.—£700 inclusive; net profit over £270; audited accounts; turnover steadily increasing; great scope; modern, attractive double-fronted shop; busy main road, centre of town; nearest to very large residential neighbourhood; unopposed; Kodak Agency; position such that takings should quickly increase in competent hands; stock and mahogany fixtures about £600. 204/13, Office of this Paper.

BRADFORD.—Old-established Business in best locality; Freehold Double-fronted House and Shop; large mortgage obtainable; stock and fixtures at valuation; splendid opening for Optics; good living under personal management. Apply 204/323, Office of this Paper.

DEVON (South).—For immediate disposal old-established Retail Business; owner retiring; takings approximately £100 month; stock and fixtures £450; no other ingoings; excellent opportunity; main street; large double-fronted corner premises; will let or sell property. Apply 202/37, Office of this Paper.

EASTERN COUNTIES.—Sound, old-established Business in High Street of small town; Kodak and Rexall Agency; returns £3,000; net profit over £600, accountant's figures; modern shop front; house attached with bathroom; vendor owns premises, and would sell or grant lease; Partner or Manager with view to succession entertained. 201/31, Office of this Paper.

HACKNEY.—Small lock-up Pharmacy, run by lady; takings about £10 weekly; when managed by man returns were £800 per annum; rent £1 per week; price £250. 200/26, Office of this Paper.

LEEDS.—Village, six miles south; unopposed Retail; Kodak and Ucal; population 4,000; returns £1,182; net £380; N.H.I. fees £3 weekly; rent and rates £42; sub-let brings in £18; nice shop, with good, clean stock; offered at valuation; stock £295, fixtures £80; bargain; suit young qualified; vendor's private house if required. Marsden, Valuer, 29 Oakwell Crescent, Leeds. 'Phone 62890.

LONDON, W.—Good-class Family and Dispensing, with N.H.I. and Photo, returning over £3,000; 14½ years' lease at economic inclusive rental; main road position, drawing upon residential area; owner buying larger business in provinces; chartered accountants' figures; fullest details furnished to bona-fide buyers. "West End," 204/319, Office of this Paper.

S. F. CLARK, F.N.A.A. 'Phone: Prospect 3366
CHEMISTS' VALUER & TRANSFER AGENT
34 Marksbury Avenue, Richmond, Surrey
VALUATIONS for sale, purchase, probate, and Income Tax purposes, personally conducted in any part of the British Isles.
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BUSINESSES (all districts) available and required.
Enquiries invited.

LONDON.—Good-class Business in nice residential suburb; good living accommodation; takings £1,290, under management; good lease; price approximately £600, which includes small amount for goodwill. 203/61, Office of this Paper.

LONDON, S.W.—Main road, in busy thoroughfare; long lease; living accommodation; nicely appointed shop; trade now £30/£35 per week, plus N.H.I., 700 per month; price £500; stock at valuation. 203/10, Office of this Paper.

LONDON SUBURBS.—Working-class Cash and N.H.I. Branch Business, on main road; thickly populated district; house let off; splendid opportunity for young qualified; takings £1,090; price £370; bargain. 203/60, Office of this Paper.

PORTSMOUTH.—Chemist's Business for disposal; busy main road; nice house, bath, etc.; seven minutes Southsea; Kodak, Selo; small Panel; trade £13-£15; scope for substantial increase; rent £1 weekly, exclusive; purchase price £250 only; no triflers, please. 204/9, Office of this Paper.

WESTERN SUBURB.—Long-established Chemist's Business; owner retiring; moderate rental; takings £1,500 per annum; price £750; Kodak Agency. 201/11, Office of this Paper.

WEST RIDING.—Unique opportunity for pharmacist to acquire old-established Business owing to ill-health of proprietor; expenses very low; turnover steadily increasing; good N.H.I.; valuation acceptable; stock can probably be reduced if necessary; about £400 will purchase, little more than year's net profit; references required. 202/12, Office of this Paper.

WEST RIDING.—Old-established Chemist's Business with good living accommodation; very low expenses; returns average £1,100; stock and fixtures at valuation, about £425; goodwill £125; must sell quickly; owner acquiring larger business. 204/33, Office of this Paper.

WILTSHIRE.—Established Business; large sale own Preps, counter trade and prescribing; opening Optics; well stocked; comfortable house attached; turnover £1,200; price £1,650, including freehold property. 196/36, Office of this Paper.

YORKSHIRE COAST.—For immediate disposal, high-class Pharmacy in main shopping centre (lock-up), at present under unqualified management; returns last year £710; good profits, increasing; rent £36 yearly; scope for Optics and N.H.I.; dissolving partnership cause of sale; price £285 all at, or near offer. 204/6, Office of this Paper.

BUSINESS, Pharmacy and Optical, shows good return, in small country town; only optician in town; owner retiring; low rent. 200/31, Office of this Paper.

FULLY-STOCKED Pharmacy for Sale in Monmouthshire; turnover last two years £1,800 per annum; rent 22s. 6d. weekly; no qualified opposition; stock £520; fixtures £150; price £1,250, or nearest offer. 203/2, Office of this Paper.

LIGHT Retail and Dispensing Business on South Coast; established 70 years; approximate returns £2,100; good house, garden, side entrance, on main road; lease 18 years to run; rent £120; rates £40; goodwill, lease, fixtures £1,600; stock at valuation. Apply "Senna," c/o B.D.H., 30 Graham Street, City Road, London.

OLD-ESTABLISHED small Chemist Business for Sale; situate busy suburb of Birmingham; suit young qualified Chemist; Company will allow part of purchase price to be paid by instalments. Apply 204/322, Office of this Paper.

£300.—Drug Store; good position; main road; can be greatly improved by Dispensing; excellent opportunity for good prescriber; low rental, etc.; bona-fide purchasers only apply. 25c Oxford Road, Waterloo, Liverpool.

AGENCIES.

28 PER CENT. for Salesmen selling to retailers, who also get 40 per cent. selling to public; excellent side line; get in early on this new easy selling proposition. Dulcet Manufacturing Co., 18 Bartletts Buildings, Holborn Circus, London.

PARTNERSHIPS.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

OPTICAL.—Good opening for an Optician in N.W. London district. Chemist with large convenient shop will let off part of shop for testing room and part of window, and/or will arrange appointments; no near opposition and main road site; terms, etc., arranged at interview. 203/31, Office of this Paper.

WELL-KNOWN Distributors of Imported Pharmaceuticals suggest Office and Warehouse Amalgamation for mutual reduction of overhead costs. Reply 202/6, Office of this Paper.

APPOINTMENTS.

MANCHESTER VICTORIA MEMORIAL JEWISH HOSPITAL, CHEETHAM.
NON-SECTARIAN.
114 BEDS.

WANTED, full-time Head Dispenser and Chemist (male), must be a member of the Pharmaceutical Society, to take full charge of Dispensary, Surgical and Medical Stores and to carry out certain Pathological Tests. Hospital training and experience essential. Commencing salary £225 per annum with lunch and tea provided. Applications, stating age, experience, and qualifications, together with three testimonials, to be forwarded to the undersigned.

FRED BARNES,
Superintendent and Secretary.

BUSINESSES WANTED.

A GOOD-CLASS Business, with turnover between £3-7,000, situated preferably in Midlands or South of England, is required by private pharmacist with the necessary capital. No agents. 201/18, Office of this Paper.

MANCHESTER.—Chemist's Business required in thickly populated district, working-class; plenty N.H.I.; cash transaction. "Statim," 204/3, Office of this Paper.

MIDLANDS OR SOUTH.—Private Pharmacist, with full capital, requires sound, genuine Business, capable of showing a net income of £1,000/£1,500 per annum; living accommodation preferred, but not essential; open to negotiate immediately for purchase of suitable proposition. All replies treated as strictly private and confidential. Ernest J. George, Sentinel House, Southampton Row, W.C.1. Telephone: Museum 8340.

PRIVATE Pharmacist requires sound Retail Business (no Optics) showing returns of between £4,000 and £5,000 per annum; must be situated within 50 mile radius of Birmingham; capital available for immediate purchase. Replies, which will be treated in the utmost confidence, should be addressed to Ernest J. George, Tudor House, Walsall. Telephone 3774.

FINANCIAL.

WANTED, investment of about £300 with occupation, reputable references, or would throw in nice Dispensing Business (hampered for capital to buy on best terms); radius of 20 miles Bournemouth or pleasant London suburb; middle-aged, active, and young personality; principals only; quite confidential. 202/15, Office of this Paper.

APARTMENTS.

RESIDENTIAL CLUB FOR GENTLEMEN.

HAMPDEN CLUB, Hampden Street, N.W.1, close to King's Cross Station. Large club rooms. 300 bedrooms and bed-sitting rooms, 15s. to 25s. per week. Illustrated Prospectus, Secretary. Museum 3424.

NOTICE.

WILL Mr. Reade, of Pears' Baby Competition fame, please communicate with 202/5, Office of this Paper?

PREMISES TO LET.

A DOUBLE-FRONTED lock-up Shop (now in course of erection) at the corner of two completely built-up streets in a good residential neighbourhood in a Northern London suburb, well adapted for a Chemist's shop. For further particulars apply to G. E. Moser, 74 Mount Ephraim, Tunbridge Wells.

EALING.—Lock-up Shop to Let on lease; good opening for Chemist; £100 per annum exclusive. Apply J. Griffin & Son, 41 Broadway, Ealing. Tel. 2800.

NEW Shop Premises in centre of shopping area, Bitterne, Southampton (11,000 population); will lease or sell to one Chemist trade only; rent £75 per annum. Jackson Bros., Builders, Eastleigh.

WHITBY (Yorkshire), The Parade, West Cliff.—To Let or Sell, modern Dwelling-houses and Shops (two left), point of completion; splendid living accommodation, with separate entrances (accommodation for visitors); ½-hour walk nearest shops; no competition; no similarity of trades allowed; growing district. Plans and particulars apply H. Davies, Architect, 4 St. Mary's Parsonage, Manchester, or B. S. Meek, Solicitor, 51 Fountain Street, Manchester.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

BIRMINGHAM.—Qualified Assistant required; the position offered would suit lady or elderly man seeking post with light work and short hours of duty. Please give salary required and usual particulars to 204/2, Office of this Paper.

LONDON, S.W.—Qualified relief man wanted for about 10 weeks, commencing June 27, with possible permanency later; must be accustomed to quick Cash Retail and N.H.I. State age, height, experience, and when free for interview. 202/90, Office of this Paper.

LONDON.—Wanted, qualified Manager, also qualified Assistant. Please give full particulars of experience, also stating age, height, salary required, and when at liberty. Marshall's Chemists, Station Parade, Upton Park, E.13.

LONDON, E.—Elderly qualified man required for chiefly N.H.I. Dispensing. Apply, stating age, experience, references, and salary required, which must be moderate. Apply 203/330, Office of this Paper.

LONDON, N.E.—Qualified Branch Manager required for medium-class Retail, N.H.I. and Photo business; permanency for capable, energetic manager. Apply, stating age, experience, references, and salary required, to 203/33, Office of this Paper.

MANCHESTER.—Capable and energetic qualified required to manage small branch in working-class district; quick and accurate Dispenser. State full particulars, age, experience, salary, and copies of testimonials. Letters unanswered within 7 days respectfully declined. 201/25, Office of this Paper.

MANCHESTER.—Qualified Junior Chemist wanted for general mixed business; N.H.I. Dispensing, Counter and Window-dressing; facilities for acquiring Optics. State age, experience, wages, etc. Simpsons (Longsight), Ltd., 920 Stockport Road, Longsight.

WESTON-SUPER-MARE.—Wanted, experienced Assistant (male), permanency, for good-class business. Please give full particulars in first letter. Blackmore, High Street.

BRANCH Manager (qualified), age about 30, required immediately; must be accustomed to Counter, Prescribing and Photography; thoroughly reliable and good business builder. Apply, with full particulars (applications not answered within 7 days respectfully declined), to Lloyd, Chemist, Caerphilly.

CHEMIST; qualified; City; Retail. Apply 264 Bishopsgate, E.C.2.

EVENINGS.—Relief man, qualified or unqualified, quick and experienced Dispenser and used to brisk Counter business, two or three evenings weekly, including Wednesdays and Saturdays; London, S.W. district. State age, height, and experience. 202/9, Office of this Paper.

JUNIOR or Improver wanted, residing in London; part-time worker entertained; no Sunday or Thursday evening duty; time for study will be given if required. Apply Liff's Cash Chemists, 235a Commercial Road, E.1.

JUNIOR Assistant for Counter and Dispensing. Particulars as to age, height, salary required, to Mason, High Street, Penge, S.E.20.

LOCUM Tenens required, June 30—July 17. Reply, giving age and experience, to 204/328, Office of this Paper.

QUALIFIED Locum (male or female) required from August 4-13 inclusive; Midland district. Apply, stating terms, to 201/15, Office of this Paper.

QUALIFIED Locum wanted, July 18 to 30 inclusive, energetic man, for Midland industrial town; Photographic, N.H.I. and general business. State age, height, experience, references, and salary required (outdoor), also mention other dates available. 201/33, Office of this Paper.

QUALIFIED, lady or gentleman, young, with good Counter and Window-dressing experience; London area; moderate salary; medium-class business. Age, experience, salary required, and when disengaged. 203/6, Office of this Paper.

QUALIFIED Chemist wanted immediately. Kudish, 114 Commercial Road, E.1.

QUALIFIED man wanted for new branch, Barking; age about 25; experience all branches. Write full particulars, "G.," 38 Winterbourne Road, Chadwell Heath, Essex.

UNQUALIFIED Junior required on June 27. State age, experience, and salary required. H. Reynolds, 9 Becket Buildings, Worthing.

WANTED, qualified Locum, June 3; urgent; six weeks or longer; state terms; resident in district preferred. Apply Anderson, 157 Chester Road, Sunderland.

WANTED, unqualified Assistant for six weeks' full-time Locum work, followed after by permanent evening employment; must be quick and accurate Dispenser and good at Counter. Apply, giving full particulars of experience, etc., 203/16, Office of this Paper.

WANTED, a capable, unqualified Assistant, chiefly for Dispensing, in a good-class Surrey business. Please do not send anything of a returnable nature. Apply 204/327, Office of this Paper.

YOUNG, qualified Assistant required immediately; able to manage; prospects; £4 weekly. Larbalestier, Jersey.

WHOLESALE.

ADVERTISERS wish to correspond with a gentleman having a sound knowledge of modern Therapeutics and who for the last five years has been interviewing successfully and selling Galenicals and Specialities to Medical men; an interest in a successful firm is offered on most advantageous terms. Applicants should be between 30 and 40, and are invited to send full particulars (in confidence) to 202/14, Office of this Paper.

CHEMIST required by large firm to produce new speciality lines, both Medicinal and Toilet; applicants must have had previous experience of this type; only men with real ability need apply; good salary and prospects offered. Full particulars in first letter. 202/16, Office of this Paper.

COMPETENT man required with creative brain; must be good organiser, able to dictate correspondence, have thorough knowledge of Shipping, Home and Export Markets, able to deal with travelling staff at home and agents abroad; one experienced in dealing with the sale of Anæsthetics and Antiseptics given preference. 204/324, Office of this Paper.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 60 to 100 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

FOREWOMAN for the Packed Goods Department of a London house; good Stock-keeper and able to control staff; must have had similar experience. Apply, stating age, particulars of previous engagement and wages expected, to 204/320, Office of this Paper.

LADY Receptionist required by Manufacturing Chemists opening West-End Showrooms for their Sundries and Packed Goods Department; must be of good personality and education. State age, experience, and salary required. 204/326, Office of this Paper.

MANUFACTURING Chemists require two Representatives for Pharmaceutical and Toilet Preparations; districts, London and Southern Counties, Midland and Northern Counties; previous experience and good connection among Retail Pharmacists essential; age not over 30. Write 201/19, Office of this Paper.

REPRESENTATIVE required by old-established firm manufacturing Dentifrices; territory, North, North-East, and East London; must have good connection with buyers in East End, salary and expenses. Full particulars, stating age and experience, to 204/318, Office of this Paper.

REPRESENTATIVES, several districts open; must have a connection and general knowledge of the Drug trade, Packed Specialities, Drugs, and Sundries; salary, allowance towards car, and commission. 204/325, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME.)

A.A.A.A.A.A.—QUALIFIED Chemist - Optician (M.P.S., F.B.O.A., J.C.Q.O. Register), young, requires permanency or long-period Locums; accurate Refractionist and Fitter, keen Salesman, quick and accurate Dispenser; experience of Developing and Contact Printing; undeniable references; free at short notice. Moore, 19 Ceylon Place, Eastbourne.

A.A.A.A.—UNQUALIFIED Assistant (Part I), 24, desires position until October 1; conscientious; well spoken; thoroughly experienced modern business; sound references; free immediately. "W. L. P.," 35 Clyde Street, Risca, Mon.

A.A.A.—UNQUALIFIED, 21, desires engagement; temporary or permanent (seaside season not objected to); 5 years' good Retail experience, Counter, Dispensing, Photographic; excellent references. 27 Oakland Road, Newcastle-on-Tyne.

A.A.A.—QUALIFIED, 31, tall, desires permanency; good all-round experience, London and provincial. "Chemist," 9 Abbeville Road, Clapham Park, S.W.4.

A.A.—GRACE RENNIE, Pharmacist, as Locum; on L.C.C. Register; now booking; highest credentials. "Craig-y-Don," Marina, St. Leonards-on-Sea.

A.A.—M.P.S., 26, shortly completing Managership, desires post; first-class experience; keen, reliable and energetic; excellent credentials. L. Baker, 103 Listria Park, Stamford Hill, N.16.

A.—ACTIVE, capable Assistant; unqualified; age 25; height 6 ft.; good general experience, Dispensing, Window, Counter, Photography; any district. 203/29, Office of this Paper.

A FEW hours' daily employment wanted by elderly qualified. "Galen," 81 Elgar Road, Reading.

A LOCUM; long or short period; qualified; long experience in all branches; active; excellent references; terms moderate. "S. C. J.," 54 Priory Road, West Hampstead, N.W.6. 'Phone: Maida Vale 8212.

A THOROUGHLY reliable, unqualified, tall Assistant; 20 years' first-class experience, Dispensing, Counter, Photo; business builder; quick, clean, accurate; disengaged. Johnstone, 3 Babington Road, Streatham, S.W.16. 'Phone 1087.

ADVERTISER, 39, unqualified, with London, seaside and provincial experience, desires permanency or Locum; 20 years' good-class pharmacy; excellent references. "Statim," 17 Park Avenue, Leicester.

ADVERTISER, age 20, seeks post; 3½ years' experience, Dispensing, Counter, Windows. Simpson, 60 Calvert Road, Derringham Bank, Hull.

ASSISTANT; unqualified; Scot; age 28; 13 years' first-class experience, Dispensing, Counter, Photographic (D. & P. and minor repairs); willing and trustworthy; disengaged. 201/17, Office of this Paper.

ASSISTANT; 27; unqualified; 9 years' experience, London and South Coast; capable of complete charge; highest references; disengaged from June 13. 196/12, Office of this Paper.

ASSISTANT (lady, Part I) desires post until September; South Coast preferred; quick Dispenser, N.H.I. and Private, good Counter-hand and Window-dresser. Hurd, 1 Denne Parade, Horsham, Sussex.

ASSISTANT, unqualified, single, disengaged, with 30 years' experience; Dispensing, Counter, Photography. Harris, 24 Link Road, Edgbaston, Birmingham.

ASSISTANT, 19½, seeks change; willing worker; 5½ years' general experience. Particulars from Cartlidge, 10 Brook Street, Walsall, Staffs.

ASSISTANT, unqualified, open for engagement June 1; wide experience Dispensing, Window-dressing, Salesmanship; expert at D. & P. work; thoroughly capable of taking charge; sober and trustworthy; highly recommended. 40 Wood End Park Drive, Hayes End, Middlesex.

ASSISTANT; unqualified; 32; tall; married; 15 years' good experience, Counter, Dispensing and Window-dressing; excellent references. Fricker, 53 Effingham Road, Lee, S.E.12.

ASSISTANT; qualified; Scot; age 26; recently returned from the East; 10 years' experience; Counter, Dispensing, Window-dressing; excellent references; disengaged now. "M. A. W.," The Fornet, Dunecht, Aberdeen.

ASSISTANT, Scot (19), over four years' Dispensing, Counter, D. & P., etc., good references, desires few years' experience, anywhere, before qualifying. Photograph, particulars on application. "Stuart," 20 York Road, Ealing, W.5.

ASSISTANT; unqualified; 35; competent; Dispensing, Counter, Photography, Window-dressing; West-End experience; excellent references; moderate salary. "Salol," 203/11, Office of this Paper.

BIRMINGHAM ONLY.—Hospital or Retail (Hospital preferred); experienced lady pharmacist has the following vacant date for Locum: July 18-August 6 inclusive, also September. "Pharmacist," 36 South Road, Handsworth, Birmingham.

BOURNEMOUTH or District.—Experienced Assistant; 23; Part I; excellent Dispenser, Counterman and Window-dresser; locum or season; excellent references. "L. I.," 10 Florence Road, Boscombe, Hants.

CAPABLE all-round man; qualified Optics and Pharmacy; disengaged shortly; temporary position or permanency; own Optical equipment if necessary. Ellis, F.B.O.A. (Hons.), 10 Westgate Terrace, S.W.10. 'Phone: Flax 7695.

EXPERIENCED Manager, 32, tall, married, desires change; well educated; smart appearance; London suburbs or West Country. P.C.B. 36/10, Office of this Paper.

EXPERIENCED Qualified Assistant, tall, aged 24, desires Locum work during next six weeks; London or South. "M.P.S.," 103 Gower Street, W.1. 'Phone: Mus. 8500.

IMMEDIATE engagement desired; Midland district preferred; thoroughly experienced; well recommended; Locum work undertaken. "E. H.," 64 Hunters Road, Handsworth, Birmingham.

LADY Assistant, unqualified, 26, requires position in South-West or Midlands; 9 years' experience; Counter and Display; permanency or Locum; disengaged now. Heaven, York House, Sharpness, Glos.

LADY; unqualified; 12 years' experience; capable Dispenser, Counter and Stock; disengaged. 114 Lewisham Road, Lewisham, S.E.13.

LADY Dispenser (Hall) requires part-time work, mornings or afternoons; N.W. or W. London. E. King, 13 Neville Court, N.W.8.

LOCUM or Manager; qualified; competent; reliable; twenty years' West-End experience; disengaged now. "Pharmacist," 18 Stanway Gardens, Edgware.

LOCUM or season; seaside or country; fully experienced Dispenser; all-round man; disengaged. Benson, 43 Burwell Road, Leyton, E.10.

LOCUM; part time or permanency; excellent references; London. "S. S.," 135 High Road, Lee, S.E.13.

LOCUM; qualified; experienced and capable; well recommended. "Pharmacist," 16 Blacklands Road, Catford, S.E.6.

LOCUM; qualified; highest references; disengaged June 5th to 12th, June 27th to July 11th, and after July 25th. Mole, 138 High Street, Teddington.

LOCUM; qualified; disengaged June; dependable; experienced all branches of trade; excellent references; London preferred. "J. G. D.," 114 Gascoigne Road, Barking, Essex.

LOCUM; long experience; Major; excellent references; reliable; trustworthy; free now; booking. Anthony, 26 Sydenham Buildings, Lower Bristol Road, Bath.

LOCUM; qualified; well recommended; registered R.P.U.; vacant dates, June 1 to July 8; Western Counties preferred (not essential). "Western," 201/39, Office of this Paper.

LOCUM, 25, qualified, booking all dates, June and July; reliable; 8 years' experience. 18 Avenue Road, North Finchley.

LOCUM or permanent; qualified; Pharmacy and Optics; disengaged June 1. Fowle, Lindum Abbey Road, Torquay. 'Phone: 2314.

LOCUM; experienced, competent, reliable; few dates open from June 15; town, country. "Locum," Carne, Chemist, 165 Brecknock Road, N.19.

LOCUM; qualified; 23; tall; conscientious; good experience; quick and accurate Dispenser; excellent references; disengaged. Greatrex, Pentre, Glamorgan.

LOCUM.—Woman Pharmacist, 32, experienced Hospital and Pharmacy, requires engagement, June 20-July 2 and from September 26. 22 Eton Avenue, East Barnet, Herts.

LOCUM; 31; qualified; disengaged July 3. Mr. Higson, c/o Croft, Chemist, Southampton Street, Reading. 'Phone: Reading 603.

LOCUM, M.P.S., or any capacity; disengaged; locum £4 4s. per week, plus fares; recommended. "S.," 32 Steyne Gardens, Worthing.

LOCUM; qualified; 56; disengaged now; over 30 years' excellent experience; highest testimonials; go anywhere; moderate terms. 202/40, Office of this Paper.

LOCUM, relief or part time; qualified; all-round experience. Rennard, Halton, Leeds.

M.P.S. requires permanency; East Anglia or London; thoroughly experienced in all branches; used to brisk Counter and heavy N.H.I.; free shortly; moderate salary. For particulars and references write 204/15, Office of this Paper.

NOTTS OR DERBYS.—Locum, part time or permanent; unqualified; experienced; free now and holiday season. Howard, 30 Pimlico, Ilkeston.

PHARMACIST, young, capable, seeks situation in good-class business; 5 ft. 10 in.; good appearance; excellent references and experience, both London and provincial. Seamer, Queen's Drive, Peterborough. 'Phone 774.

PERMANENCY wanted for unqualified Assistant; 26; wage £3 5s.-£3 10s.; experienced D. & P. worker; good Counter-hand; good all-round worker, active, and not afraid of work; would manage good-class Drug Store; excellent references. 201/36, Office of this Paper.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensues. Strict attention to this detail will be appreciated.

PHARMACIST; 35; married; tall; unique personality; business builder; 10 years' Manager, City and provinces; Photography. Optics, Appliances. Prescribing; free now; nominal salary. "W.," 128 Cavendish Road, S.W.12.

PHYSICIANS AND SURGEONS.—Dispenser, Dresser, Male Nurse; 18 years' Medical, Surgical and Pharmaceutical experience; "Masseur"; South-East Coast preferred; present appointment 6 years. O'Neill, 48 Clare Road, Tankerton, Kent.

QUALIFIED Chemist and Registered Dentist requires post from middle of June; would entertain Locum July and August. 200/11, Office of this Paper.

QUALIFIED 10 years, 34, 5 ft. 7 in., married, active, trustworthy, all-round capabilities, seeking situation with more scope and prospects; present managership, London, 6 years. 202/8, Office of this Paper.

QUALIFIED (lady, 24) seeks Locum work, June-July; good all-round experience and reference. Slaughter, Nunney Road, Frome.

QUALIFIED Chemist seeks engagement; own business last 12 years; Assistant or Branch. "Chemist," 25 Potters Street, Bishops Stortford.

QUALIFIED lady, Retail and Hospital, excellent references, has following vacancies: June 5-19, July 24-31, September 4-11. Barnard, 32 Kent Road, Winchmore Hill, N.21. 'Phone: Enfield 2263.

QUALIFIED, young, as Senior or Manager; part interest, Partnership or succession, with private pharmacist. Barker, 33 Wigston Road, Plaistow, London.

QUALIFIED, experienced in all branches, requires Locum work; disengaged until June 20; Locum or permanency after July 30. G. Swainston, 13 St. Michael's Avenue, South Shields.

QUALIFIED (lady), thoroughly experienced, seeks Locum; free now. "Chemist," 23 Castellain Road, W.9. Telephone: "Abercorn 2800."

QUALIFIED; 40; reliable and capable; excellent experience all departments; permanency preferred, or locum; disengaged. Please offer terms. 203/21, Office of this Paper.

QUALIFIED; aged 24; good appearance and address; fluent French; first-class experience and references. 204/18, Office of this Paper.

QUALIFIED (lady); Assistant or Manageress; 25; 5 ft. 8½ in.; energetic; tactful Saleswoman; good experience in all branches; salary and commission preferred; excellent references; London or near; interview appreciated. 204/14, Office of this Paper.

SENIOR Assistant or Manager; qualified gentleman; 28; single; excellent references. 202/29, Office of this Paper.

SUPERINTENDENT or Assistant; best experience; qualified; abstainer; speaking French; now disengaged; moderate salary. 203/34, Office of this Paper.

UNQUALIFIED, capable; 5½ years' experience; disengaged shortly. James R. Holmes, 40 Springbead Road, Anlaby, Hull.

YOUNG lady Dispenser, qualified (Hall), requires post. Barton, "Burwell," Meadway, Northampton.

YOUNG lady (Hall), with experience, desires post as Dispenser, Chemist, Doctor, etc., in Eastern Counties. 201/26, Office of this Paper.

WHOLESALE.

2s. for 18 words or less, 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A FIRST-CLASS Connection (Lancs, Westmorland, Cumberland), worth £10,000 a year in turnover, is offered by an experienced Salesman to any first-class Toilet House who can engage him at a reasonable salary. 203/5, Office of this Paper.

A FULL-TIME position required with good house; Representative, experienced Drugs, Toilets, Sundries; extensive London and suburban connection. 204/329, Office of this Paper.

A REAL live London Representative, well known, exceptional sales records, undeniable credentials, strong connection Chemists, Hairdressers and Stores, can do good business; own car, moderate offer of remuneration. Particulars, P.C.B. 36/11, Office of this Paper.

A WELL-KNOWN Medicinal Tablet and Coating Specialist who has concentrated during the past 10 years on this intricate branch of pharmacy, desires re-engagement; his practical experience has proved useful in the manufacture of at least one dozen world-famous Proprietaries, the production of which runs into tons per week; his possession of great patience, skill, and "knowing how to do the job" is the secret of his success; he will be most pleased to communicate with any reliable firm anxious to secure a young man thoroughly experienced in the manufacture throughout of Tablets of every description, including high-class coated work. F. Morgan, 50 Woodside Gardens, Bruce Grove, Tottenham, N.17.

A YOUNG, qualified Chemist (M.P.S.), with 8 years' all-round Pharmaceutical experience, seeks responsible situation with Wholesale House, Laboratory work, or outside representation desirable. 201/35, Office of this Paper.

ACCOUNTS Clerk, 21, requires situation, Retail or Wholesale Chemists; 7 years' experience in trade; excellent reference; experienced Export. P.C.B. 36/6, Office of this Paper.

ANALYTICAL or Research work required by a Ph.C.; 24. "Ambitious," 203/4, Office of this Paper.

EXPERIENCED Qualified Representative, young, requires progressive position; Medical Propaganda, etc.; knowledge Therapeutics, Organotherapy; personality; good appearance; resident London. 202/35, Office of this Paper.

IMPORTANT TO MANUFACTURERS.—Advertiser, a qualified Chemist, has had wide and successful experience in the Manufacture and Packing of Pharmaceutical Preparations and every description of high-grade articles for the Toilet, Creams, Pastes, Powders, Washes, Perfumers, etc., etc.; he has an intimate knowledge of marketing conditions and is accustomed to the control of a large staff. Please communicate 204/321, Office of this Paper.

LIVE Representative, experienced, requires berth, London and 60 miles radius; personal connection Chemists, etc.; own car. 202/26, Office of this Paper.

FOR SALE.

(Articles to the value of £5–£50.)

NATIONAL Cash Register in perfect condition, Dispensing Scales with mahogany drawer, Personal Weighing Machine, 5 ft high, 76 gold label Shop Rounds, eight 4-lb. green dome lid Shop Jars all in practically new condition, also Houghton Rotary Print Dryer, gas heated, electrically driven. Particulars from Strood Pharmacy, Strood, Kent.

NATIONAL Cash Registers (two) for Sale; one rings up to 9s. 11¾d., other rings up to £1 19s. 11¾d.; both in excellent condition. Letters to A. Jones, 78 Cloudesley Road, Barnsbury, London, N.

WHAT OFFERS?—Three 7-gallon Show Carboys for Sale. Williams & Baxter, Ltd., Gt. Yarmouth.

MISCELLANEOUS.

10s. for 60 words or less; 1s. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A COMPLETE PHARMACY FOR £50.—10 ft. Drug Fixture, drawers, glass labels and knobs; 10 ft. Serving Counter, show case front, movable shelves; 5 ft. Mahogany Dispensing Screen, mirror centre, show case each side, work bench and shelving over at back; 6 ft. Wall Case, show case at top, panelled doors under; Counter Silent Salesman, 30 in. high; 20 Shop Rounds, recessed labels. Call or write, RUDDUCK & CO., 219 Old Street, London, E.C.1.

We desire particularly to draw the attention of Colonial and Foreign Subscribers to the fact that in cases where they require Partners, Agents or Assistants, or wish to Sell their Businesses, an Advertisement in this Supplement, placed in every copy of "The Chemist and Druggist," should be the readiest means of helping them to attain their object. The tariff for such announcements is given on the front page of this Supplement. Instructions and remittances can be sent to us direct or through the advertisers' correspondents in this country.

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A LARGE SELECTION of Second-hand Shop Fittings and Cases removed from various pharmacies: Dispensing Screens from £4 10s., Counter Cases from £1 10s., Counters from £4, Perfume Cases from 60s., Wall Cases from £4. Call and inspect, or write requirements to PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, London, E.C.1.

CHEMISTS' FITTINGS.—We hold an immense stock of Drug Fittings, Dispensing Screens, Glass Fronted Counters, Perfumery Cases, Nests of Drawers, Wall Cases, Silent Salesmen, Upright and Flat Counter Cases, Plate-glass Counters, Cash Tills, Display Stands and Glass Shelves, etc., ready for immediate delivery at competitive prices. Write or call for List. F. MAUND & E. BERG (SHOWCASES), LTD., 175/9 and 336 Old Street, London, E.C.1.

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FOR Sale, Capsule Plant, including Hydraulic Press, 100 tons pressure, complete with belt-driven pump, Hot-plate 4 ft. x 2 ft., Spreading Machine with jacketed copper kettle, Cooking Oven to hold 280 plates, Capsule Moulds, 200 Amalgamated Steel Plates, 9⅝ x 8¾, etc., etc., all in first-class condition. 204/317, Office of this Paper.

THE SUPPLY of SUPPLEMENTS

The clerical work in connection with the posting of spare copies of the Coloured Supplement week by week has increased to such an extent that we have been compelled to reorganise our system of distribution. Our readers will please note, therefore, that in future, instructions can be accepted for not more than six successive issues of the Supplement at a time, and that in every case the name and full postal address should be written on

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